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BULLETIN OF

PARSONS COLLEGE

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# THE CATALOGUE

1916-17

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Series XVI. March, 1917 No. 1

# ANNUAL CATALOGUE

OF

# Parsons College

FOR THE

## College Year 1916-1917

WITH

## Announcements for 1917-1918

FAIRFIELD, IOWA
PUBLISHED BY THE COLLEGE
1917

"HAVING long been of the opinion that for the usefulness, prosperity and happiness of children, a good moral and intellectual or business education, with moderate means, was far better than large, unlimited wealth, . . . and having long been convinced that the future welfare of our country, the permanence of its institutions, the progress of our divine religion, and an enlightened Christianity, greatly depended upon the general diffusion of education under correct moral and religious influence, and having during my lifetime used, to some small extent, the means given me by my Creator in accordance with these convictions, and being desirous of still endowing objects so worthy as far as in my power lies, I do therefore, . . . give and bequeath the residue of my estate . . . to my said executors and the survivors or survivor of them, in trust, to be by them used and expended in forwarding and endowing an institution of learning in the State of Iowa."

LEWIS B. PARSONS.

# 1916

## JULY

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## AUGUST

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## SEPTEMBER

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## OCTOBER

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## NOVEMBER

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## DECEMBER

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# 1917

## JANUARY

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## FEBRUARY

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## MARCH

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## APRIL

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## JUNE

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## JULY

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## AUGUST

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## SEPTEMBER

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## OCTOBER

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## NOVEMBER

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## DECEMBER

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# 1918

## JANUARY

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## FEBRUARY

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## MARCH

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## APRIL

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## MAY

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## JUNE

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# College Calendar

## 1917.

### January.

3. Wednesday. 1:30 p. m.—Class Exercises resume.
23–26. Tuesday to Friday.—Mid-Year Examinations.
30. Tuesday. 8:00 a. m. to 5:00 p. m.—Registration for Second Semester.
31. Wednesday. 8:00 a. m.—Class Exercises resume.

### February.

15. Thursday.—Day of Prayer for Colleges.
19. Monday.—Washington's Birthday Party.
24. Saturday.—Founder's Day.
Mid-Year Meeting Board of Trustees.

### March.

5. Monday—Examinations for removal of First Semester conditions.
27–31. Tuesday to Saturday.—Spring Recess.

### May-June

1. Tuesday.—Final day for submitting Senior Theses.
18. Friday.—Senior Examinations begin.
22. Tuesday.—Senior Vacation begins.
31–4. Thursday to Monday, inclusive.—Final Examinations.

### June.

2. Saturday. 7:00 p. m.—College "Sing-Out." Library Steps.
3. Sunday. 4:00 p. m.—Baccalaureate Service. Barhydt Memorial Chapel.
7:30 p. m.—Address before the Christian Associations. First Presbyterian Church.
4. Monday 2:30 p. m.—Coburn Players.
8:00 p. m.—Coburn Players.

5. Tuesday 2:30 p. m.—Graduating Exercises of the Academy. Barhydt Memorial Chapel.
7:00 p. m.—Annual Meeting Board of Trustees.
8:00 p. m.—Senior Class Play.

6. Wednesday.—Alumni Day.
2:30 p. m.—Mason and Kellogg Prize Contests in Oratory.
5:00 p. m.—Alumni Picnic.
7:30 p. m.—Valedictory Exercises of Literary Societies.

7. Thursday 10:00 a. m.—Forty-second Annual Commencement. Barhydt Memorial Chapel.
12:00 m.—Alumni Dinner. Trustee Gymnasium.

**September.**

10. Monday.—Examinations for removal of conditions.

11. Tuesday.—First Semester begins.
8:00 a. m.—Registration of all students.

12. Wednesday.—Registration continued.
All students are required to register before 5 p. m. of Wednesday, an extra fee of one dollar being charged for later registration. (See page 33.)

13. Thursday. 8:00 a. m.—Instruction begins in all departments.

14. Friday. 10:00 a. m.—Opening Address. Barhydt Memorial Chapel.

**November.**

15. Thursday.—Final day for submitting subjects for Senior Theses.

29. Thursday.—Thanksgiving Day. Holiday.

**December.**

20. Thursday. 12:30 p. m.—Winter Recess begins.

## 1918

**January.**

2. Wednesday. 1:30 p. m.—Instruction resumed in all departments.

22–25. Tuesday to Friday.—Mid-Year Examinations.

29. Tuesday. 8:00 a. m.—Registration, one day only being allowed for registration in Second Semester. (See page 33.) All students are required to register before 5 p. m., an extra fee of one dollar being charged for later registration.
30. Wednesday. 8:00 a. m.—Instruction resumed.

**February.**

14. Thursday.—Day of Prayer for Colleges.
22. Friday.—Washington's Birthday Party.
25. Monday.—Founder's Day. (24th.)
Mid-Year Meeting of Trustees.

**March.**

4. Monday.—Examinations for removal of First Semester conditions.
26–30. Tuesday to Saturday.—Spring Recess.

**May-June.**

1. Wednesday.—Last day for submitting Senior Theses.
21. Tuesday.—Senior Vacation begins.
30–4. Thursday to Monday, inclusive.—Final Examinations.

**June.**

2. Sunday.—Baccalaureate Service. Barhydt Memorial Chapel.
3. Monday.—Graduating Exercises of the Academy.
4. Tuesday.—Annual Meeting of the Board of Trustees.
5. Wednesday.—Alumni Day.
6. Thursday.—Forty-third Annual Commencement.

# Board of Trustees

### Honorary Life Member.

William E. Thompson ..... Fairfield, Iowa

| | | |
|---|---|---|
| | Rev. LeRoy Coffman, D. D. | Davenport, Iowa |
| | *Thomas D. Foster, LL. D. | Ottumwa, Iowa |
| RETIRE | Rev. Charles E. Bradt, D. D. | Chicago, Ill. |
| 1917 | Hon. Charles D. Leggett | Fairfield, Iowa |
| | John M. Lyon | La Harpe, Ill. |
| | Miss Julia E. Parsons | Boulder, Colo. |
| | William C. Howell, Esq. | Keokuk, Iowa |
| | A. G. Jordan, Esq. | Fairfield, Iowa |
| RETIRE | J. F. Clarke, M. D. | Fairfield, Iowa |
| 1918 | Rev. John B. Rendall, Jr., D. D. | Muscatine, Iowa |
| | Hon. C. J. Fulton | Fairfield, Iowa |
| | D. C. Bradley | Centerville, Iowa |
| | Charles Carter, M. S. | Fairfield, Iowa |
| RETIRE | Rev. Archibald Cardle, D. D. | Burlington, Iowa |
| 1919 | Winfield Smouse | Washington, Iowa |
| | Rev. R. A. Montgomery, D. D. | St. Louis, Mo. |
| | George W. Richardson | Clarinda, Iowa |
| | Rev. H. A. Mosser, D. D. | Fairfield, Iowa |
| | Rev. C. L. Zorbaugh, D. D. | Cleveland, Ohio |
| RETIRE | Chas. W. Wade | Fairfield, Iowa |
| 1920 | Hon. W. B. Seeley | Mt. Pleasant, Iowa |
| | John C. Thorne | Fairfield, Iowa |
| | Rollin J. Wilson, Esq. | Fairfield, Iowa |
| | Rev. Wm. Harris Kearns, D. D. | Minneapolis, Minn. |
| | Frederick D. Mason, LL. D. | Lincoln, Neb. |
| RETIRE | William Carden | Winfield, Iowa |
| 1921 | Charles L. Parsons | Boulder, Colo. |
| | Rev. Willis E. Parsons, D. D. | Fairfield, Iowa |
| | W. G. Ross, Litt. D. | Fairfield, Iowa |

*Deceased.

## OFFICERS OF THE BOARD.

Frederick D. Mason, LL. D.....President
Rev. Archibald Cardle, D. D.....Vice President
Hon. C. J. Fulton.....Secretary
Claude Elmer Downard, B. S.....Treasurer

## EXECUTIVE COMMITTEE.

W. G. Ross, Litt. D.....Chairman
John C. Thorne — A. G. Jordan
Rev. W. E. Parsons, D. D. — William Carden
Rev. H. A. Mosser, D. D.

Robert F. Wilson.....Secretary of Executive Committee

## FINANCE COMMITTEE.

A. G. Jordan, Esq. — John C. Thorne — W. G. Ross, Litt. D.

## VISITORS OF THE BOARD OF TRUSTEES.

Rev. John B. Rendall, Jr., D. D.....Muscatine, Iowa
John M. Lyon.....La Harpe, Ill.
George W. Richardson.....Clarinda, Iowa

## VISITORS OF THE SYNOD OF IOWA.

Rev. Frank A. Gageby.....Washington, Iowa
Rev. G. A. Wickwire.....New London, Iowa
F. R. Mahler, M. D.....New London, Iowa

# Faculty*

## THE COLLEGE.

*President.*

WILLIS EDWARDS PARSONS, D. D.

*Dean of the Lewis B. Parsons, Jr., School of English Bible and Christian Service.*

A. B., Olivet College, 1881; D. D. ibid., 1902; President Parsons College, 1904-1913. College Campus.

WILLIAM ALFRED WIRTZ, A. M., LITT. D.

*Dean. Professor of Modern Languages.*

A. B., Cornell College, 1889; A. M., ibid., 1892; Litt. D., Parsons College, 1914; Parsons College, 1889-. 908 N. Fourth.

JOB EDGAR JOHNSON, A. M.

*Levi Parsons Professor of the Latin Language and Literature.*

A. B., Yale University, 1898; A. M., Harvard University, 1899; Parsons College, 1899-. 603 N. Third.

RAPHAEL MONROE McKENZIE, Ph. D.

*Professor of Chemistry and Physics.*

B. S., New York University, 1890; M. S., ibid., 1892; Ph. D., Johns Hopkins University, 1896; Parsons College, 1903-. College Campus.

CHARLES CARTER, M. S.

*Registrar. Ringland Professor of Biology.*

B. S., Parsons College, 1894; M. S., ibid., 1897. Parsons College, 1908-. 404 W. Adams.

PHILO CARPENTER HILDRETH, A. M.

*Professor of History and Economics.*

A. B., Oberlin College, 1889; A. M., Columbia University, 1912; Parsons College, 1910-. College Campus.

EMERY ERNEST WATSON, M. S.

*Hunt Professor of Mathematics. Secretary of Faculty.*

M. Di., Iowa State Teachers' College, 1901; B. S., State University of Iowa, 1905; M. S., ibid., 1905. Parsons College, 1910-. 205 W. Kirkwood.

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*Arranged, with the exception of the President and the Dean of the School of English Bible, on the basis of collegiate seniority.

AMOS RENO MORRIS, A. M.

*Professor of the English Language and Literature.*

A. B., Ohio State University, 1907; A. M., ibid., 1912; Parsons College, 1914-. 503 N. Fourth.

EMMA LAVINIA KIRK, L. B.

*Librarian.*

L. B., Ohio Wesleyan University, 1894; Parsons College, 1914-. Ballard Hall.

JOHN WINTER, Ph. D.

*Acting Professor of Philosophy and Education on the Armstrong Foundation.*

A. B., Hope College, 1902; A. B., University of Michigan, 1906; A. M., ibid., 1910; Ph. D., ibid., 1917; Parsons College, 1916-. 803 S. Second.

GRACE FAULKNER WARD, A. M.

*Dean of Women and Assistant Professor of History and Economics.*

A. B., Smith College, 1900; A. M., Radcliffe College, 1905; Parsons College, 1916-. Ballard Hall.

CLYDE THEODORE REED, A. B.

*Instructor in Biology and Chemistry.*

A. B., Campbell College, 1914; Parsons College, 1916-. 402 S. B.

MINA ALICE GILDERSLEEVE, A. B.

*Instructor in Modern Languages.*

A. B., Oxford College, 1915; Parsons College, 1916-. Ewing Hall.

MILDRED HUNT, A. M.

*Instructor in Mathematics.*

A. B., Denison University, 1909; A. M., University of Chicago, 1916; Parsons College, 1916-. 1002 N. Fourth.

ELIZABETH CARROLL JOHNSON, Ph. B.

*Instructor in English.*

Ph. B., State University of Iowa, 1901; Parsons College, 1916-. 603 N. Third.

HERMAN JOHN GARRETSON, A. B.

*Instructor in Physical Education.*

A. B., State University of Iowa, 1916; Parsons College, 1916-. 601 N. Court.

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## THE ACADEMY.

WILLIAM BELL, Ph. B.

*Principal and Instructor in Mathematics and Science.*

Ph. B., Parsons College, 1915; Parsons Academy, 1912-. 505 W. Stone.

NANCY MILLIGAN BELL, A. B.

*Instructor in Latin, History and English.*

A. B., Parsons College, 1885; Parsons College, 1912-.
505 W. Stone.

MINA ALICE GILDERSLEEVE, A. B.

*Instructor in Modern Languages.*

A. B., Oxford College, 1915; Parsons College, 1916-. Ewing Hall.

HERMAN JOHN GARRETSON, A. B.

*Instructor in History.*

A. B., State University of Iowa, 1916; Parsons College, 1916-.
601 N. Court.

MILDRED HUNT, A. M.

*Instructor in Mathematics.*

A. B., Denison University, 1909; A. M., University of Chicago, 1916; Parsons College, 1916-. 1002 N. Fourth.

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## THE CONSERVATORY.

JAMES POLLOCK MOORHEAD.

*Director of the Conservatory of Music. Professor of Piano and Organ.*

Graduate Parsons College Conservatory of Music, 1897; Graduate New England Conservatory of Music, 1901; Pupil of Schirner (Leipzig) 1903-4. Parsons College Conservatory of Music, 1904-.
106 W. Madison.

CHARLES WESLEY MOUNTAIN.

*Professor of Voice, Theory and Public School Methods.*

Graduate Moody Institute, 1912; Graduate Northwestern University School of Music, 1914. Parsons College Conservatory of Music, 1914-. 205 N. Fifth.

MRS. MERTIE POOLER MERCER.

*Instructor in Violin.*

Pupil of Fischer, 1898-1901; Student Chicago Musical College under Listemann, 1901-1903; Parsons College Conservatory of Music, 1915-. 108 E. Hempstead.

IVA SCHEFFEL.

*Instructor in Piano.*

Graduate Parsons College Conservatory of Music, 1914. Parsons College Conservatory of Music, 1915-. 105 W. Adams.

CHARLOTTE WHITE, A. B.

*Instructor in Piano.*

A. B., Parsons College, 1916. Parsons College, 1916-.
503 W. Burlington.

GEORGE WILLIAM UNKRICH.
*Instructor in Band and Orchestral Instruments.*
401 W. Washington.

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## STUDENT ASSISTANTS.

Leslie Gerald Brier.
*Physics.*
207 W. Briggs.

Henrietta Hastings.
*Piano.*
Eldon, Iowa.

Jean Lea Buckles
*Physical Culture for Women.*
Court Hotel.

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## TREASURER.

CLAUDE ELMER DOWNARD, B. S.
B. S., Parsons College, 1909. College Office.

## MATRON OF BALLARD HALL.

ANNA CAINE McLEAN.
Ballard Hall.

## CUSTODIAN OF BUILDINGS.

JAMES TURNER.
College Campus.

## OFFICERS OF ADMINISTRATION.

| | |
|---|---|
| ..... | President |
| William A. Wirtz | Dean |
| Grace F. Ward | Dean of Women |
| Charles Carter | Registrar |
| Emery E. Watson | Secretary of the Faculty |
| William Bell | Principal of the Academy |
| Emma L. Kirk | Librarian |

## CLASS OFFICERS.

| | |
|---|---|
| Seniors | Professor McKenzie |
| Juniors | Professor Carter |
| Sophomores | Professor Morris |
| Freshmen | Professor Watson |
| Academy | Professor Bell |

## STANDING COMMITTEES OF THE FACULTY, 1916-1917.

Administration—Wirtz, Carter, Parsons.

Admission—Wirtz, McKenzie, Watson.

Appointments—Winter.

Athletics—Johnson, Garretson.

Book Room—Parsons.

Catalogue—Hildreth.

Curriculum—McKenzie, Wirtz, Johnson, Carter.

Debates—Watson, Johnson, Morris.

Honorary Degrees—Watson, the President, Wirtz.

Library—McKenzie, Wirtz.

Public Exercises—Hildreth.

Religious Life—Hildreth, Parsons.

Schedule—Watson.

Scholarships—Watson, Carter.

Social Functions—Wirtz, Dean of Women.

Lecture Course—Morris, Mountain.

# Historical

## SKETCH.

Parsons College stands as a concrete expression of the desire of a Christian business man, Lewis B. Parsons. The wish of its honored founder was to make possible an education under Christian influences for the youth of Iowa. Dying twenty years before the College was begun he could only devise and make known his wishes.

At the earliest possible date the sons of Mr. Parsons, who were his executors, sought to carry out the wish of their father. After careful consideration it was decided to accept the offer of a site from Fairfield, and the College was founded February twenty-fourth, 1875.

The following September the school was opened as an institution of college rank under the care of the Presbyterians of Iowa. Young men and women were admitted on equal terms.

The first class was graduated in 1880, and numbered sixteen. The Alumni now number four hundred and ninety-six. Of these, two hundred and seventy-three have been men and two hundred and twenty-three have been women.

On the night of August nineteenth, 1902, Ankeney Hall, the main building, was totally destroyed by fire. This meant the loss of everything material so far as that constitutes a college and it looked dark for the future. But out of this loss there has arisen a new and greater Parsons. In the place of one building of the early days there are now thirteen, and instead of the three members of the first Faculty there are twenty-one, thus enlarging the scope of the work and assuring the future.

## PRESIDENTS OF PARSONS COLLEGE.

Rev. John Armstrong, D. D. ..... 1877-1879
Rev. E. J. Gillette, D. D. ..... 1879-1880
Rev. T. D. Ewing, D. D. ..... 1880-1889
Rev. Ambrose C. Smith, D. D. ..... 1889-1896
Rev. Daniel E. Jenkins, D. D., Ph. D. ..... 1896-1909
Rev. Frederick William Hinitt, D. D., Ph. D. ..... 1900-1904
Rev. Willis Edwards Parsons, D. D. ..... 1904-1913
Lowell Mason McAfee, LL. D. ..... 1913-1916

## CHRONOLOGY.

The Lewis B. Parsons Will Executed.....December, 1855
Citizens of Fairfield organized to secure the Parsons Endowment Fund.....November 24, 1874
Articles of Incorporation signed.....February 24, 1875
College opened in the Bernhart Henn residence.....September 8, 1875
Rev. Alex. G. Wilson, A. M., began three years' service as Rector of the Academy.....1875
Rev. John Armstrong began two years' service as Financial Agent and Professor of Morals.....1875
Alethean Society organized.....October 5, 1875
Aldine Society organized.....October 15, 1875
First College Building and Chapel occupied.....January, 1876
Department of Music opened.....September, 1879
Orio Society organized.....1879
First Class graduated.....June 16, 1880
First edition of The Portfolio.....December, 1881
Armstrong Professorship founded.....1882
Corner Stone of New College laid.....June 2, 1882
Ringland Professorship founded.....1882
Elzevir Society organized.....January 19, 1883
Hunt Professorship founded.....1883
Levi Parsons Professorship founded.....1892
Ankeney Hall completed.....January, 1893
Skinner Professorship founded.....1898
Corner Stone of Ballard Hall laid.....April 8, 1901
Ankeney Hall destroyed by fire.....August 19, 1902
Foster Hall opened.....September 22, 1903
Fairfield Hall opened.....September 22, 1903
Empyrean Society organized.....November 19, 1903
Martha Pettus Parsons Professorship founded.....1907
Alumni Field dedicated.....June 5, 1907
Library dedicated.....June 5, 1907
Trustee Gymnasium dedicated.....June 8, 1909
Corner Stone of Barhydt Memorial Chapel laid.....June 8, 1910
Dedication of Barhydt Chapel.....October 18, 1911
President's Home rechristened "Ewing Hall" and made headquarters for the Conservatory.....June 12, 1912
Dedication of the Lewis B. Parsons, Jr., Bible School Building.....October 13, 1915
Aristo Society organized.....October 11, 1916
Delphic Society organized.....October 17, 1916

# Buildings and Equipment

**FAIRFIELD HALL** (40x86 feet), so named in recognition of the generosity of the citizens of Fairfield in contributing to the building fund, is constructed of pressed brick, trimmed with white brick and stone, and provides commodious quarters for the literary work of the College department. It contains well-lighted class rooms, an assembly room with a seating capacity of seventy-five, offices, cloak rooms fitted with lockers, and rooms for the literary societies of the college. The President's, the Treasurer's and general administration offices are located in this building.

The furniture of the class rooms is all of the most approved kind, consisting of tablet chairs fitted with iron pedestals firmly fastened to the floor, excellent blackboards, and special maps as required by the different departments. The latest type of Bausch & Lomb Balopticon for both lantern and opaque projection is a recent addition.

**FOSTER HALL** (69x112 feet), the home of the science department, so named in recognition of the generous gift of the late T. D. Foster, of Ottumwa, toward the building fund, is most complete in all its appointments.

**The Department of Chemistry** occupies the greater part of the third floor. There is provided on the south side of the building a room for the department library, the private laboratory of the professor, and the lecture room. The lecture room seats seventy pupils and is furnished with rows of opera chairs each row raised above the one in front so that the lecture table may be seen by all students. The lecture table is provided with gas, pneumatic trough, running water, and a suction to carry away any gases which might escape during the experiments. Back of the lecture table is a hood and blackboard with charts for illustrating the lectures.

Adjoining the lecture room on the north are the supply room and the weighing room, where the balances for the students doing quantitative work are kept.

The three laboratories are situated on the north side of the building, and provide ample room and the best equipment for work

in chemistry. The laboratory for general experimental work and for qualitative analysis is in the middle of the building. It has desk room for thirty-six students; each desk is provided with a sink, running water, gas, etc. There are also a large number of hoods where noxious gases are carried away from the laboratory. At each end of the general laboratory, separated from it by glass partitions, is a smaller laboratory, each having desks for twenty-four students. One of these laboratories is used by the students in quantitative analysis, and the other by students engaged in chemical preparations, both in organic and inorganic chemistry. Each student is provided with a locker in the hall, and in every way the arrangements are as complete as possible.

**The Biological Department,** occupying the second floor, has large and light laboratories. The principal one of these is that for the use of the class in general biology. This room is at the east end of the building and has accommodations for thirty pupils. It is splendidly lighted by ten large windows. Tables at which two pupils can work are so placed that the light for microscopes cannot be obscured. There are gas connections for each table, and a full set of preserving and staining reagents is provided for each pupil. The microscopes are Bausch and Lomb's B. 11., equipped with 2-3 and 1-6 objectives and Nos. 1 and 2 oculars.

The lecture room is in the southwest corner. It is seated with tablet-arm opera chairs. There is a demonstration desk with gas and water attachments for lecture purposes, and a complete projection apparatus has been installed. The department library adjoins the lecture room and is amply furnished with reading tables, chairs, etc.

At the south end is the laboratory for animal morphology, in which provision is made for work in dissection, injection, and all work of like nature. The laboratories for histology, bacteriology, and physiology occupy the north side of the building, and there are also rooms for incubators and for photographic work.

The biological and geological specimens are placed in museum cases that are built around the large entrance hall.

**The Physical Department** occupies the greater part of the first floor of Foster Hall. The west end of the floor is occupied by the electrical laboratory and the general physical laboratory, which accommodates twenty-five students. Adjoining the physical laboratory is the optical laboratory. This can be made perfectly dark,

and is provided with gas and electric lights as well as direct electric current for photometric measurements.

The engine room and metal workshop adjoin the electrical laboratory, supplying power to the latter. At the east end of the building are the carpenter shop and the physical lecture room which seats seventy students. The lecture table is provided with gas, sink, water and a direct electric current of from 2-35 volts and up to 20 amperes. The room is also provided with opaque shades, screen, and projection lantern. Opening from this is the physical apparatus room, which is fitted with glass cases for the apparatus.

The equipment is new and complete, including such pieces as balances, cathetometers, dynamos for direct and alternating current, storage batteries, standard meters, transformers, spectroscopes, etc.

**LIBRARY** (35x90 feet). This building, the gift of Andrew Carnegie and the late Thomas D. Foster, is constructed of wine-colored brick with Bedford stone trimmings and tile roof. The interior is beautifully finished in Flemish oak, with furniture to correspond. The fire-proof stack room has ample capacity for 25,000 volumes. The remainder of the first floor is given over to the general reading room, the Librarian's room, and the reference alcove. The second floor contains a suite of offices, a large room for Faculty and Board meetings, and fire-proof vault.

The basement also contains a fire-proof stack room and a large, well-lighted room suitable for the storage of books and periodicals.

This part of the equipment of Parsons has had a steady growth during the past seven years. With but three volumes left by the fire of August, 1902, it has increased to over 9,400 usable and used books, exclusive of government documents and several hundred pamphlets. Accessions are made to meet the needs of each department. Effort is being made to increase the efficiency of the reference department.

The library regularly receives the following periodicals:

Advocate of Peace.
A. L. A. Book List.
American Economist.
American Journal of Sociology.
American Mathematical Monthly.
American Magazine.
Amethyst.
LeSemeur.
Literary Digest.
Living Age.
Lyceum News.
Mentor.
Missionary Review.
Musician.

American School Board Journal.
Annals of the American Academy.
Annals of Iowa.
Atlantic Monthly.
Bookman.
Burlington Hawkeye.
Century.
Christian Cynosure.
Collier's Weekly.
Congressional Record.
Continent.
Cumulative Index.
Current Opinion.
Dial.
Edison Monthly.
Education.
Educational Review.
English Journal.
Fairfield Ledger.
Fortnightly.
Harpers' Magazine.
Herald & Presbyter.
Illustrated World.
Independent.
Iowa Journal of History and Politics.
Iowa Library Quarterly.
Journal of Political Economy.
Journal of Negro History.
Nation.
National Geographic.
New Republic.
New York Times.
Nineteenth Century & After.
North American Review.
Our Dumb Animals.
Outlook.
Photo Era.
Popular Astronomy.
Public Libraries.
Quarterly Journal of Economics.
Pacific Mechanics.
Philippine Review.
Reader's Guide.
Review of Reviews.
Sea Power.
School.
School Science and Mathematics.
Scientific American.
Scientific Monthly.
Scribner.
Sunday School Times.
Sunset.
Survey.
Wallaces' Farmer.
Womans Home Companion.
Yale Review.

**BARHYDT MEMORIAL CHAPEL.** This building, one of the latest additions to our equipment and the most beautiful building on the campus, was erected in 1911 by the late Mr. Theodore W. Barhydt in memory of his father, Nicholas Barhydt, and his mother, Phoebe Headley Barhydt. It is constructed of Bedford and Eddyville stone. A pleasing contrast in color is afforded by the roof, which is of green tile. The extreme length of the building, including the nave and apse, is one hundred and seventeen feet; the length of the transept is sixty feet. The tower, built in Norman style, is fifty-five feet high.

The interior finish of oak and hard pine is done in early English

style, the walls being tinted to harmonize with the natural color of the wood. The large windows of the transept are twenty-four feet high and twelve feet in width. They have been designed by skilled artists and are constructed of the finest art glass. Figures symbolical of Victory are worked into the north window, and in the south window is a representation of the Rich Young Ruler which is intended to be representative of human choices.

The main body of the building comfortably seats five hundred and fifty people. A small balcony at the rear has a seating capacity of fifty. The rostrum, elevated three feet above the main floor, is furnished with a handsome pulpit and seventeen especially designed seats for the faculty. On a rising grade to the rear of the rostrum are fifty choir seats. A new three manual pipe organ of the latest type occupies the apse of the Chapel. It possesses great range of tonal power and was especially constructed for the instruction of students in pipe organ as well as for the Chapel services. This splendid instrument, erected in the fall of 1913, is also the gift of Mr. Barhydt and fittingly completes the beautiful building of which the College is justly proud.

**BIBLE SCHOOL BUILDING.** Adjoining Barhydt Memorial Chapel on the north is the new Bible School Building which is the home of "The Lewis B. Parsons, Jr., School of English Bible and Christian Service." This is a gift of the son and daughter of General Lewis B. Parsons and is a memorial to him. Like the Chapel, with which it is connected by a cloister, it is constructed of Eddyville limestone, with Bedford stone trimmings and green tile roof. The first floor contains a handsome entrance hall, two large class rooms, a library and a suite of offices. On the second floor is a museum and a Parsons Memorial Room. Complete equipment for Biblical study such as books, charts and apparatus is provided. The building was erected in definite recognition of the increasing demand for religious education and an equipment adequate to meet this demand.

**BALLARD HALL** (40x90), the young ladies' dormitory, is designed in a modernized colonial style. It is a three-story building constructed of vitrified brick with light trimming, at an outlay of over $17,000. The interior is arranged on a novel plan. The dining room is a semi-basement apartment not below the outside ground level. The parlor floor is elevated about four feet above the dining

room floor, and is connected by open screen-work and free columns with a mezzanine story containing a large hall, the dean's office, the housekeeper's rooms, and four other rooms. One end of this hall terminates in a large art glass window, opening upon a semi-circular balcony. The other terminates in an interior bay window effect, with seat, partition and screen. The parlor is a room 37 feet and 6 inches long by 29 feet wide, divided into six alcoves by four free columns and four partitions the height of the wainscoting. Across the end of one of these alcoves there is a large brick fireplace and mantelpiece. There are seats built into the alcove and corners, and the whole is arranged so that the parlor and hall may be used as one large room for receptions and other festive occasions, and still be cozy and homelike for everyday use.

The second story is divided into ten departments, besides a large toilet and bath room. Each apartment furnishes study-room facilities for two students and contains two alcoves. Each of these alcoves is supplied with a single bed and a wardrobe. The rooms are lighted by both gas and electricity, and heated by steam.

The third story contains seven rooms capable of accommodating two students in each, also one single room.

**EWING HALL.** Formerly the residence of the president. The building, of brick construction, has been adapted to the use of the Conservatory whose studios occupy the lower floor. This arrangement provides excellent facilities for the study of music. The upper floor furnishes a dormitory annex for those young women who have been unable to secure rooms in Ballard Hall. Its close proximity to the latter renders it especially convenient in going to and from meals. It is heated by steam from the central plant as is Ballard Hall.

**TRUSTEE GYMNASIUM.** (98x70). This building, erected at a cost in excess of $21,000, is known as Trustee Gymnasium in recognition of the generous contributions of the Board of Trustees. The architecture is Romanesque, special attention being given to the treatment of the outside walls, which present a very artistic appearance. The exterior of the wall has a dry-pressed, chocolate-colored face brick, relieved by profuse Bedford stone trimmings and galvanized iron cornices. The roof is slate and composition.

A solid brick wall divides the basement floor into two compart-

ments, one for men and one for women. Each compartment is provided with a measuring room, locker rooms, and eleven shower baths. In order to insure the best sanitary conditions, special care has been taken to secure well ventilated lockers, a good cement floor, and perfect plumbing and drainage.

The main floor of the building contains two office rooms, an apparatus room, and the large exercise and drill hall. The roof being supported by trusses, this hall presents a free floor space ninety-five feet long and fifty feet wide. The floor is hard maple. Nine feet above the floor on the exterior wall is a running track. On a level with the track and above the offices are two trophy rooms. A special feature of the main floor is a stage, raised above the level of the floor and built above the rear porch of the building. At the front of the stage is a proscenium arch. At the side of the main entrance is a room equipped with cupboards and sinks. These arrangements make it possible to use the room for banquets and entertainments, and as an auditorium. By using the track as a gallery one thousand people can be seated in view of the stage.

The interior wood finish of the building is natural oak. The interior walls are of white brick, with a chocolate-colored brick wainscoting.

**PROFESSORS' HOUSES.** On the campus are two brick houses with all modern improvements. These houses, erected by the College, are occupied by two of the professors and their families. Immediately adjoining the campus is another modern residence which is owned by the College and occupied by one of the professors.

**GATEWAYS.** In addition to the handsome Third street entrance to the Campus, the gift of the Woman's Auxiliary, a stone gateway has recently been erected at the northwestern entrance on Fourth street. It is given by the class of 1909 and conforms to the material and architecture of the Chapel and the Bible School Building. Stone columns are used, the center one bearing a wrought iron lantern. Between the columns there are stone or cement seats.

**TELESCOPE.** In October, 1916, the Executive Committee of the Board of Trustees authorized the placing of an order for a telescope having a nine inch object glass. It will be installed during the summer of 1917, and be ready for use in September. The instrument will be equipped with the latest and best devices

which make for efficiency, being one of the largest telescopes in the state, and will serve admirably for class work in the study of the sun, moon, planets, nebulae, stars, star clusters, or for research.

**CENTRAL HEATING PLANT.** All College buildings, except the residences of the professors, are heated from the central plant. It provides space for two boilers of one hundred and twenty-five horse-power each. Besides the boiler room and coal bins, the plant contains two rooms for the use of janitors.

# General Information

## Aim.

As seen in the introductory historical statements, the aim of the College is to afford students of both sexes the advantages of a liberal education in the Arts, Sciences and Philosophy. Its courses of study and methods of instruction are adapted to secure accurate scholarship and thorough discipline. It aims not only to fit its students for professional study and practical life, but also to form the character by a broad Christian culture. This it seeks to attain by direct Biblical instruction in the class room and by the Christian spirit which pervades all the work of the College.

## Location.

The city of Fairfield is one of the most delightful in the state. It is situated at the intersection of the main line to Denver of the Chicago, Burlington & Quincy railroad and the Chicago, Rock Island and Pacific railroad's line to Kansas City and the southwest, and is, therefore, easy of access from all points. The place is healthful, the society congenial, cultured and Christian. Many families have removed to Fairfield to secure for their children the advantages of the College, a plan which it is believed others may follow to their advantage.

## The College Library.

It is the aim of the Faculty to keep this distinctly a reference library. New books are purchased to increase the efficiency of the various departments of the College. In addition to the main library, there are two specialized science libraries in Foster Hall for the greater convenience of students in biology and chemistry.

The State Traveling Library also loans collections of books which may be changed as need arises. The college possesses exchange privileges with the Fairfield City Library, which is a depository for government documents and therefore offers facilities for research work in certain lines. It also receives loans from the Iowa Library Commission and from various state libraries.

The students have access to all reference books and the privilege of drawing books during the hours of the recitation days and two evenings a week. The use of the library is also extended freely to all graduates, clergymen, teachers in the vicinity of the College and to such others as comply with the necessary conditions.

From time to time picture exhibits are held in the reading rooms, and to these the public is cordially invited.

Every effort is made to have the library properly supplement the work of the class room.

### Fairfield Free Public Library.

This library offers excellent facilities, free of expense, to the students of Parsons College. It contains a valuable collection of 27,500 bound volumes including government documents. Its museum contains about 20,000 specimens, and is especially rich in the departments of zoology and ethnology. Additions are continually being made both to the library and museum.

Through the munificence of Mr. Andrew Carnegie, a fire-proof building, complete in all its appointments and a model of architectural beauty, was erected in 1892, at an expense of $40,000.

### Religious Exercises.

Daily religious services, at which all students are required to be present, are held in Barhydt Memorial Chapel, under the direction of the Faculty.

Every student is required to select some church in the city, and to attend its services at least once on the Sabbath. Students are also expected to attend the Vesper services held in the College Chapel on Sabbath afternoon.

### Religious Organizations.

There are two College Christian Associations, one for the young men and the other for the young women. Under the direction of the Associations, a large part of the religious work among the students is carried on. They are well organized, and have a large membership from all classes. The meetings are a very important feature of college life.

### Y. M. C. A.

The Young Men's Christian Association of the College, in addition to the regular weekly prayer-meeting, conducts classes for the

systematic study of the Bible and of missions. The student is guided by outlines published by the International Committee. The Association is annually represented at the Lake Geneva Conference by a number of delegates.

### Y. W. C. A.

The young ladies of the College are annually organized into circles for systematic Bible and mission study. The students are guided in their work by a suitable outline of study chosen from among those recommended by their delegates to the Annual Conference at Lake Geneva, Wisconsin. In addition to these meetings, a prayer meeting is held every Wednesday morning.

### Literary Societies.

There are six literary societies in the College, conducted by the students under the general regulation of the Faculty. These are Aldine, Orio, Elzevir, Empyrean, Aristo and Delphic. They present opportunities for improvement in writing and extemporaneous speaking and in parliamentary practice. Annual prize contests in declamation, debate, oratory, and essay-writing are held in each of these societies. These contests furnish a stimulus to excellence in literary work. Two literary societies, Philo and Soronian, have been organized for the young men and women of the Academy.

### Physical Training and Athletics.

The College authorities encourage physical training as required in the exercises and contests of the athletic field. The direction of Athletics is now vested in the Board of Athletic Control, consisting of two Faculty members, two alumni members, and two members from the student body. This Board maintains the usual ball, tennis and track teams. The enlarged athletic field is now fitted out with a quarter-mile cinder track, enclosing a gridiron and diamond of the most approved pattern. The College permits and favors intercollegiate athletics. The Director of Athletics supervises all athletic games and conducts classes in physical training for all students.

### State Teachers' Certificate.

On application to the State Examining Board, graduates of Parsons College may receive a five-year first grade certificate, if certain work prescribed by the Board has been included in the

course pursued by the applicant. This prescribed work consists of twenty semester-hours, as follows: Psychology, six hours; Education, fourteen hours.

### Conduct of Students.

The Faculty of the College has passed certain administrative rules which apply to absences, credits, honors, and similar matters. With reference to the general conduct and deportment of students it is the policy of the Faculty not to pass rules; and, with few exceptions, this policy has been strictly followed. Students, when they matriculate, are placed on their honor. They are expected to behave in a gentlemanly manner at all times and in all places, to respect the rights and privileges of their instructors and fellow students, and to attend faithfully to their work. Without assigning any specific reasons, the Faculty may at any time dismiss any student whose conduct is in their judgment detrimental to the welfare of the institution.

### Recitations, Examinations and Absences.

Students will be admitted at any time and assigned to classes for which they may be prepared, but it is very important and desirable that they enter at the beginning of a semester. A fee of one dollar is charged for registration after the second day of the first semester, and the first day of the second semester.

No college exercises are held on Monday. The closing days of each semester are devoted to examinations on the work of the semester.

Admission to classes is by cards. These are issued by the Dean to the various instructors when the student has presented a receipt from the Treasurer for the semester's bills. No student will be enrolled in any class until the instructor has received his card for that class; and no **student will be permitted to drop out of a class without permission from the Faculty.** Violation of this regulation deprives a student of credits made in other classes until all the courses for which he is registered have been satisfactorily completed.

### Credits and Absences.

The grade and amount of credit that may be earned in a course is conditioned upon the regular attendance at recitations. When a student is unavoidably absent from class, such absence may be

excused for the women by the Dean of Women and for the men by the Dean of the College. The excuse must be presented to the instructor in whose work the absence occurred within one week after re-entering upon the work. Each instructor may then accept or reject the excuse or make further inquiry before accepting or rejecting it.

**Excused Absences.** Each instructor decides how and when the work lost by excused absences may be made up during the semester, but no instructor is compelled to permit lost work to be made up. If, however, more than one-sixth of the work is lost by absences from class it can not be made up.

**Unexcused Absences.** If no excuse is obtained, or if the excuse for the absence is not accepted by the Dean and by the instructor it shall be counted as an unexcused absence and the semester grade shall be reduced proportionately, but the hours of credit shall not be reduced except when the number of unexcused absences exceeds one in a one hour course, two in a two hour course, four in a four hour course, etc. In such instances the credit for the course shall be reduced by one-tenth of one semester hour for each additional absence. For the purposes of this paragraph two excused absences shall count as one unexcused absence.

Unexcused absences on the day or days immediately preceding or following a regular scheduled holiday or recess and all pre-arranged or concerted absences by any considerable number of students shall count double and receive double penalty.

**Chapel Absences.** Students are required to attend chapel. Unavoidable absence may be excused by the Dean of the College. Application for such excuses must be made within one week after re-entering upon class exercises. If the number of unexcused absences exceeds five in number in one semester the amount of class room credit for the semester shall be reduced by one-half of one semester hour, and by one-tenth of one semester hour for each additional absence.

In administering the above rules, they shall not be interpreted so as to cause loss in grade or in amount of credit, when the absence is due to continued illness or when the absence is granted by faculty action if the work is made up in a manner satisfactory to the instructor.

### Reports and Grades.

The record of each student is sent to his father or guardian at the end of each semester, and failure to receive such report should at once be communicated to the Registrar of the Faculty. Grades are reported in percentages. Grades below 60 per cent. indicate **failure,** and no credit is allowed for work so recorded. Grades between 50 and 60 per cent. do not necessarily exclude a student from continuing in the course in which such grades are received. Arrangements for continuing the course and completing the work in arrears may be made, if the instructor considers it advisable. At the option of the instructor, students whose class work averages 95 per cent. may be exempt from the semester examination.

### Honors in All Studies.

In order to encourage students to excel in all studies of the College course, the following system of Honors was adopted to become effective at the beginning of the year 1908-09: A student whose average grade for the eight semesters of his or her college course shall not fall below 95 per cent. shall be entitled to receive the Baccalaureate degree **Summa cum laude.** For an average of 93 per cent. and below 95 per cent. the degree is conferred **Magna cum laude;** and for an average of 90 per cent. and below 93 per cent. the degree is conferred **Cum laude.**

### Graduation.

A detailed statement of the requirements for graduation is made on another page. A general statement is that the work of the College is a course requiring four years of residence (except for those admitted to advanced standing) leading to the Bachelor's degree in Arts, Science, or Philosophy, according as the student does major work in one or another of these fields. Regular work for each student is four approved courses and Bible each semester. The number of semester hours for graduation will be found to vary in individual cases from 120 to 128.

### Second Degrees.

The College confers the degrees of Master of Arts and Master of Science upon graduates who have previously taken a baccalaureate degree in this college. Candidates who wish to be recommended

for either of these advanced degrees must pursue an approved course of study equivalent to the work of one year of graduate study in the College, must present a satisfactory thesis, and pass successfully all required examinations. For more detailed information apply to the Secretary of the Faculty. The Master's degree is only conferred in recognition of work done in residence.

### Prizes.

The following prizes are awarded in the College:

1. The Kellogg Prizes first and second of twenty and ten dollars, respectively, given by Mr. R. D. Kellogg, Kansas City, Missouri, to the two members of the Junior class who shall write and deliver in the best manner an English oration.

2. The Mason Prizes of fifteen and ten dollars, respectively, given by Mr. Fred D. Mason, Lincoln, Nebraska, to the two members of the Freshman class who shall write and deliver in the best manner an English oration.

3. The Foster Prize of twenty-five dollars, given by the late T. D. Foster, Ottumwa, Iowa, for excellence in debate.

4. The Horatio Millard Newcomb Prize of fifteen dollars, given by Rev. Ezra B. Newcomb, D. D., Keokuk, Iowa, to that member of the Senior class who shall attain high rank in the Biblical studies of the Junior and Senior years, and who shall present the best essay on some assigned Biblical subject.

5. The Brockman Prize of fifteen dollars, given Dr. D. C. Brockman, Ottumwa, Iowa, to that member of the Senior class who shall attain high rank in Political Economy, and who shall present the best thesis on some assigned topic on that subject.

6. The Aldine Alumni Endowment Fund Association's Prizes in Oratory, first and second, of fifteen and eight volumns of books, respectively, given by the Association to the two Sophomore members of the Aldine Literary Society who shall excel in an oratorical contest.

7. The Orio Prize in Oratory, a gold medal given by the Orio Literary Society to that one of its Sophomore members who shall excel in oratorical contest.

8. The Elzevir Prize in Oratory, a set of valuable books, given by the Elzevir Literary Society to that one of its Sophomore members who shall excel in an oratorical contest.

9. The Aldine Alumni Endowment Fund Association's Prizes in Debate, first and second, of fifteen and eight volumes of books, respectively, given by this Association to the two Freshmen members of the Aldine Literary Society who shall excel in a contest in debate.

10. The Orio Prize in Debate, a gold medal, given by the Orio Literary Society to that one of its Freshman members who shall excel in a contest in debate.

11. The Elzevir Prize in Essay-Writing, a set of valuable books, given by the Elzevir Literary Society to that one of its Freshman members who shall excel in a contest in essay-writing.

12. The Presbyterian Temperance Committee under the control of the General Assembly offers a prize of $25.00 in gold for the best oration on some phase of the temperance reform. This prize is offered subject to certain conditions which can be ascertained upon application to the Faculty Committee on Debating.

## Expenses.

The college year is divided into two semesters. The first semester bill is as follows:

| | |
|---|---|
| Tuition | $20.00 |
| Incidental fee | 5.00 |
| Damage deposit (annual) | 1.00 |
| Athletic fee | 4.00 |
| Total | $30.00 |

Second Semester Bill.

| | |
|---|---|
| Tuition | $20.00 |
| Incidental fee | 5.00 |
| Athletic fee | 4.00 |
| Total | $29.00 |

The following fees are charged extra to all students taking laboratory work in the subjects named below, in order to cover cost of material used:

| | |
|---|---|
| Biology, all courses | $3.00 per semester |
| Chemistry, course 1-2 | 3.00 per semester |
| Chemistry, advanced courses | 3.00 per semester |
| Physics, all courses in the College | 3.00 per semester |

A reduction of fifty per cent. from the regular rate of tuition only will be made to the sons and daughters of ministers and missionaries.

The tuition for students who have less than twelve hours of recitation per week is as follows, per semester:

| | |
|---|---|
| One hour a week | $ 2.00 |
| Two hours a week | 3.90 |
| Three hours a week | 5.75 |
| Four hours a week | 7.50 |
| Five hours a week | 9.20 |
| Six hours a week | 10.85 |
| Seven hours a week | 12.45 |
| Eight hours a week | 14.00 |
| Nine hours a week | 15.50 |
| Ten hours a week | 16.95 |
| Eleven hours a week | 18.35 |

Students taking work in excess of eighteen (18) hours per week will be charged $2.00 for each hour.

The charge for the Incidental Fee to students who have less than full work is as follows, per semester:

| | |
|---|---|
| For one course | $1.75 |
| For two courses | 3.00 |
| For three or more courses | 5.00 |

The payment of the Athletic Fee of $4.00 per semester is required and entitles each student to all Lecture and Musical numbers of the College Course, to all privileges of the Gymnasium, and free admission to all athletic games.

The Damage Deposit referred to above is required of each student, to constitute a damage fund, out of which the College property damaged by the students, when the author is unknown, is repaired. At the end of the year the balance is refunded. By this means the property is kept in good condition, and the amount deducted from each deposit hitherto has been very small.

### Registration.

Students are required to register in person and not through another and no student is regarded as registered until he has received a receipt from the college treasurer for the semester's bills.

The college office will be open for registration on the first two

**days** of the first semester and the **first day only** of the second semester and students must register during that time or incur a penalty of one dollar for later registration.

In case of absence from work for half a semester, occasioned by sickness or other unavoidable cause, one-half of the tuition for the semester will be refunded. **This applies to tuition only.**

A fee of $5.00 is required of each student before graduation from College. This is to be paid at the opening of the semester preceding graduation.

Young ladies from a distance are required to take up their residence in Ballard Hall. The rooms are well furnished with needed articles, save those that are personal. Each student should provide the following articles: A napkin ring; towels; sheets, size three-quarters; pillow slips, size 22x27 inches, and such other bedding as she may wish. If curtains for the windows or rugs for the doors are desired, they should be brought by the student. The matron of the dormitory sees to the washing of sheets and pillow slips, but each student should provide for her personal washing. All personal property should be marked with the owner's name very plainly.

There are five grades of rooms, varying in size and location. Rooms may be obtained for $20.00, $25.00, $27.50, $30.00 and $36.00 per semester. Part of the rooms are provided with single and part with double beds.

Board may be obtained at $3.50 per week. Board and rooms are paid for separately.

To secure the reservation of a room previous to the opening of a semester, a deposit of five dollars is required.

All dormitory bills must be paid as follows: One-half at the opening of a semester, and the other half at the middle of the semester. No reduction will be made except in case of prolonged sickness. Meals served in rooms will be charged extra at the rate of 25 cents per meal. The young men and others who take their meals at the refectory will be required to pay at the beginning and middle of the semester. Day boarders will be charged $3.50 per week. No reduction will be made except in case of prolonged illness.

Board for young men, including room, fuel and light, is provided in pleasant homes at prices varying from four to five dollars per week; board in private families, at three to four dollars per week. Furnished rooms, suitable for two students, can be rented in the

town at prices ranging from seventy-five cents to two dollars per week. The Faculty will render assistance, when desired, in finding suitable boarding places for students.

Every young person of good moral character, who is bent on gaining a liberal education, and who is willing to make the necessary sacrifice and to practice corresponding economy, will always find sympathy and encouragement in Parsons College.

The annual expenses of a student, traveling expenses not included, need not exceed $280; and students using economy can reduce the annual expense below the moderate estimate in the following summary:

| | Moderate | Liberal |
|---|---|---|
| Tuition (including sundry fees) | $ 59.00 | $ 65.00 |
| Room | 40.00 | 80.00 |
| Fuel | 5.00 | 10.00 |
| Board | 133.00 | 152.00 |
| Incidentals (including washing, books, etc.) | 40.00 | 60.00 |

## SCHOLARSHIPS.

Scholarships are of two classes, as follows: Honor Scholarships and Student Loan and Service Scholarships. A full scholarship in either of these classes covers the forty-dollar tuition charge, **but in no case includes the incidental, athletic, damage, or other fees.**

### HONOR SCHOLARSHIPS.

#### FRESHMAN HONOR SCHOLARSHIP.

Any student graduating with highest rank from any fully accredited High School in Iowa, is entitled to a Scholarship covering tuition charge for one year.

#### HORACE B. SILLIMAN SCHOLARSHIP

Horace B. Silliman, LL. D., of Cohoes, N. Y., through the College Board of the Presbyterian Church, established a scholarship fund of $1,000.00, "the annual income of which shall be applied to the tuition of such male students as are members of some evangelical church, as shall be selected by the Faculty of the College, for good scholarship and active Christian influence, with prospects of future usefulness, and under such other conditions as the Faculty shall

determine." This scholarship will be awarded in June of each year to a male member of the Junior class on the basis of his work and conduct in the Freshman and Sophomore years.

### GEORGE LINCOLN SEELEY SCHOLARSHIP.

This scholarship of $1,000, established as a memorial to George Lincoln Seeley, is awarded to the young man in the Senior class who, during the preceding three years at Parsons College, has ranked highest as an all around student.

### ELIZA MATILDA FOSTER SCHOLARSHIP.

This scholarship of $1,000, a memorial to Eliza Matilda Foster, is awarded to that young woman in the Senior Class who has attained highest rank during the preceding three years in Parsons College.

### STUDENT LOAN AND SERVICE SCHOLARSHIPS.

These scholarships are limited in number. Their purpose is to aid needy and worthy students who are able to meet the requirements of good scholarship, high personal character, exemplary conduct and habits of economy in the use of both time and money.

A few Loan Scholarships are available for students who sign notes which bear interest after graduation.

Every holder of a Service Scholarship may be called upon to render the College some service. Such service shall receive compensation at the rate of fifteen cents per hour to be applied primarily upon college bills.

A full scholarship is forty dollars a year. The amount assigned to any one student will depend on the need and merit of the applicant and on the amount of funds at the disposal of the Scholarship Committee.

No Scholarships are given to students who are conditioned in any subject.

A scholarship, withdrawn because of failure in any study, may be restored after the lapse of half a year, if former deficiencies have been made good and no new ones incurred.

In awarding scholarships preference is given to regular candidates for a degree, and to those who expect to finish their course in Parsons College.

Applications for scholarships must be made on the blank forms provided by the Scholarship Committee.

Students of the College should make out their applications in June or December of each year. Prospective students should file their applications as early as possible, accompanied by the testimonials indicated in the blank forms.

Communications concerning scholarships should be addressed to the President.

The following scholarships have been endowed in whole or in part and are administered as Student Loan and Service Scholarships described above:

The Jonathan Cable Scholarship (memorial), founded by Sarah E. Cable, Danville, Iowa.

The John A. Colwell Scholarship, founded by John A. Colwell, Kittanning, Pennsylvania.

The John A. Swan Scholarship, number one, founded by John A. Swan, Morning Sun, Iowa.

The John A. Swan Scholarship, number two, founded by John A. Swan, Morning Sun, Iowa.

The McClure Scholarship, founded by Mr. and Mrs. I. N. McClure, Mediapolis, Iowa.

The Ida B. and Ella May King Scholarship (memorial), founded by Mr. and Mrs. Z. N. King, St. Paul, Minnesota.

The James G. Wilson Scholarship, founded by James G. Wilson, Streator, Illinois.

The Mary Drewer Miller Scholarship, founded by Mary Drewer Miller, Carlsbad, New Mexico.

The Spencer Grennell Scholarship (memorial), founded by Mrs. Eunice J. Grennell, Keokuk, Iowa.

The S. Breckenridge Scholarship, founded by Mr. S. Breckenridge, Pella, Iowa.

The Henry Corwith Scholarship (memorial), founded by Messrs. John and Frank Corwith, Chicago, Illinois.

The D. T. Newcomb Scholarship of $2,000, founded by the late Patience V. Newcomb, Davenport, Iowa.

The Viele Scholarship of $2,000, founded by the late Patience V. Newcomb, Davenport, Iowa.

The Charles O. Parish Scholarship, founded by Mrs. Jennie O. Parish, Clarinda, Iowa.

The Ralph E. Lindsay, Sr., Scholarship of $1,000, founded by Mrs. Margaret Lindsay, Davenport, Iowa.

# Terms of Admission

Students are admitted to Parsons College by examination at the College or on the presentation of acceptable certificates of work done elsewhere. Those who present certificates are admitted to provisional standing only, the right being reserved to withdraw, at the end of six weeks, credit for any work which the College record of the student shows to have been unsatisfactorily performed. Certificates must show in detail the amount and character of work done in each subject and should be made out on blanks furnished by the College or on those of the North Central Association of Colleges and Secondary Schools.

In estimating preparatory work a unit represents one study pursued not less than 36 weeks with daily recitations. A year of high school work of four studies a day, therefore, equals 4 units and a full high school course should regularly represent 16 units.

For unconditional admission to the Freshman class, 15 units are required. Students may be admitted to conditional Freshman standing who present not less than 14 units.

The specific requirements for admission are arranged in two groups. Every candidate for unconditional admission must offer all the subjects of Group I, amounting to 9½ units, and enough from Group II to make up the total of 15 units. The following table shows the contents of the two groups. The ground to be covered in each subject is stated below:

**Group I—Required of All.**

| | |
|---|---|
| English | 3 units |
| Foreign Language (all of which must be in one language | 2 units |
| Mathematics 1, 2, 3, 4, 6 | 2½ units |
| History 1, 2 | 1 unit |
| Physics 1, 2 | 1 unit |
| | 9½ units |

### Group II—Elective.

Any of the subjects described below, not offered by the student under Group 1, may be offered as electives to make up the total of 15 units for admission. Other subjects will be accepted only by special vote of the Faculty.

Students who expect to choose their College Major in Greek, Latin, or German, should offer for admission, respectively, 2 units in Greek, 4 units in Latin, or 2 units in German; for, although College classes are maintained in which students who have not taken the work may make up Greek or German, no work of the elementary grade just indicated is allowed to count toward a Major. Students whose preparatory work in Latin has not included both 5-6 and 7-8 will be allowed to enter Freshman Latin on probation if they offer 1-4 with either 5-6 or 7-8.

**English.** 1-6. The requirement in English is in four divisions, for which a total of 3 units is given. (a) Grammar. (b) Reading: The reading of ten books as prescribed by the North Central Association and the careful study of Shakespeare's Macbeth, Milton's Minor Poems, Burke's Speech on Conciliation, Macaulay's Life of Johnson, or equivalents. (c) Composition: Regular and persistent training in both oral and written composition. (d) Rhetoric: The essential principles of rhetoric studied preferably in connection with the work in composition.

7-8. A fourth year of English may be offered if of acceptable character.

**Mathematics.** 1-2. Algebra: The four fundamental operations, factoring, highest common factor and least common multiple, fractions, equations of the first degree containing one or more unknown quantities, radicals, involution and evolution.

3-4. Plane Geometry: Including the solution of original exercises.

5. Solid Geometry.

6. Advanced Algebra: Quadratic equations, theory of exponents, progressions, the binomial theorem. The use of the graph is desirable.

7. Plane Trigonometry: The six fundamental functions and their relation, the standard formulas, the solution of plane triangles, practical applications to measurements of areas and heights.

8. Advanced Arithmetic.

9. Double Entry Bookkeeping.

**Latin.** 1-2. Latin Lessons. Grammar and easy reading.

3-4. Caesar: Books I-IV, or two books and an equivalent of two or more in selections from other prose writers such as Nepos.

5-6. Cicero: Six orations, preferably the four against Catiline, Archias and the Manilian Law.

7-8. Vergil: The first six books of the Aeneid.

Composition should accompany the work named above in each year.

**Greek.** 1-2. Beginning Greek: Grammar and easy reading, Xenophon's Anabasis, Book I, writing Greek.

3-4. Xenophon's Anabasis, Books II-IV.

Composition and Hellenica, I-II, or equivalent.

**German.** 1-2. Beginning German: Rudiments of grammar, easy exercises, the reading of 50 to 100 pages of graduated text.

3-4. Second Year German: The reading of 150 to 200 pages of easy stories and plays, continued drill on essentials of grammar.

**History.** 1-2. Ancient History with special reference to the history of Greece and Rome, but including also a study of the other ancient nations, and of the chief events of early mediaeval history down to the time of Charlemagne.

5-6. English History.

7-8. American History or American History and Civil Government.

**Physics.** 1-2. Elementary work, consisting of text books, lectures, demonstrations, and laboratory practice. The laboratory work should constitute not less than one-fourth of the whole course.

**Chemistry.** 1-2. Elementary Chemistry.

**Zoology.** 1-2. Elementary Zoology. Not less than half the time of the class should be spent in laboratory work. If less than 32 weeks with suitable laboratory work is given to the subject it will receive not to exceed ½ unit.

**Physiology.** 1. Human Physiology.

**Botany.** 1-2. Elementary Botany. Not less than half the time of the class should be spent in laboratory work. If less than 32 weeks with suitable laboratory work is given to the subject it will receive not to exceed ½ unit.

## SYNOPSIS OF COURSES.

| | | | |
|---|---|---|---|
| | | **Ancient Languages.** | |
| **Freshman** | | Latin or Greek.<br>Bible 1, 2.<br>English 1, 2.<br>Mathematics 1, 2.<br>1 Elective.<br>(Latin, Greek, or German.) | |

### MAJOR GROUPS.

| | **Ancient Languages.** | **Modern Languages.** | **English.** |
|---|---|---|---|
| **Sophomore** | Latin or Greek.<br>Bible 3, 4.<br>A Science.<br>English or *History.<br>German or Mathematics. | German 3, 4.<br>Bible 3, 4.<br>History 21, 22.<br>2 Electives.<br>(Mathematics, Science, French, English.) | English 3, 4.<br>Bible 3, 4.<br>History 21, 22.<br>A Language.<br>Mathematics or Science. |
| **Junior** | Greek or Latin.<br>Bible 5, 6.<br>Psychology.<br>2 Electives.<br>(Education, German, English, French, Mathematics, Astronomy, Science, Political Economy, History, Philosophy.) | German.<br>Bible 5, 6.<br>Psychology 1, 2.<br>2 Electives.<br>(Education, French, English, Philosophy, Mathematics, Astronomy, History, Science, Political Economy.) | English.<br>Bible 5, 6.<br>Psychology 1, 2.<br>2 Electives.<br>(Education, German, Philosophy, French, Mathematics, Astronomy, History, Science, Political Economy.) |
| **Senior** | Greek or Latin.<br>Bible 7, 8.<br>3 Electives.<br>Thesis.† | German.<br>Bible 7, 8.<br>3 Electives.<br>Thesis.† | English.<br>Bible 7, 8.<br>3 Electives.<br>Thesis.† |

*History 21, 22, must be taken by all students in Sophomore or Junior years.
†Thesis is required in Senior year in department in which Major work is done.

## SYNOPSIS OF COURSES (continued).

| | | | |
|---|---|---|---|
| | | **Modern Languages.** | |
| **Freshman** | | German 1, 2.<br>Bible 1, 2.<br>English 1, 2.<br>Mathematics 1, 2.<br>1 Elective.<br>(Chemistry, Biology, Physics.) | |

### MAJOR GROUPS.

| | **History and Political Economy** | **Mathematics, Physics.** | **Chemistry.** |
|---|---|---|---|
| **Sophomore** | History 21, 22.<br>Bible 3, 4.<br>Modern Language.<br>2 Electives.<br>(Mathematics, Latin, English, Science, French.) | Mathematics.<br>Bible 3, 4.<br>Physics.<br>A Language.<br>English or History. | Chemistry.<br>Bible 3, 4.<br>A Language.<br>Biology, Physiology, or Mathematics, English, or History. |
| **Junior** | History or Political Economy.<br>Bible 5, 6.<br>Psychology.<br>2 Electives.<br>(Education, French, German, English, Mathematics, Astronomy, Science, Philosophy.) | Mathematics or Physics.<br>Bible 5, 6.<br>Psychology.<br>2 Electives.<br>(Education, History, German, French, Astronomy, Political Economy, English, Science, Philosophy.) | Chemistry.<br>Bible 5, 6.<br>Psychology.<br>2 Electives.<br>(Education, German, History, Mathematics, Astronomy, Political Economy, French, English, Science, Philosophy.) |
| **Senior** | History or Political Economy.<br>Bible 7, 8.<br>3 Electives.<br>Thesis. | Mathematics or Physics.<br>Bible 7, 8.<br>3 Electives.<br>Thesis. | Chemistry.<br>Bible 7, 8.<br>3 Electives.<br>Thesis. |

N. B.—A beginning Language and English 1, 2, may not be counted toward a Major.

## SYNOPSIS OF COURSES (concluded).

| | | Science. | |
|---|---|---|---|
| Freshman | | Chemistry or Biology.<br>Bible 1, 2.<br>English 1, 2.<br>Mathematics 1, 2.<br>A Language. | |

## MAJOR GROUPS.

| | Biology. | Philosophy. |
|---|---|---|
| Sophomore | Biology.<br>Bible 3, 4.<br>A Language.<br>Chemistry, Physics, or Mathematics, English, or History. | |
| Junior | Biology.<br>Bible 5, 6.<br>Psychology.<br>2 Electives.<br>(Education, German, History, Political Economy, Mathematics, Astronomy, French, Science, English, Philosophy.) | Philosophy 1, 2.<br>Bible 5, 6.<br>Philosophy 3, 4.<br>2 Electives.<br>(Education, German, English, French, Mathematics, Science, Political Economy.) |
| Senior | Biology.<br>Bible 7, 8.<br>3 Electives.<br>Thesis. | Philosophy 5, 6.<br>Bible 7, 8.<br>3 Electives.<br>Thesis. |

# The College Course

The departments of instruction in the College are arranged in the following groups:

I. Foreign languages.

II. Philosophy, English, History and the Social Sciences.

III. Mathematics and the Physical and Natural Sciences.

| I | II | III |
|---|---|---|
| Greek | Philosophy | Physics |
| Latin | English | Chemistry |
| German | Education | Biology |
| French | Political Sciences | Geology |
| | Social Science | Mathematics |
| | Biblical Literature | Astronomy |
| | History | |

The work a student offers in satisfaction of the requirements for graduation must be chosen from these groups and must be so arranged that within the first two years he shall have taken work in each of these general fields, and before the close of the course he shall have done work of advanced grade in some chosen department. To secure this result the following regulations have been devised:

Each candidate for a bachelor's degree is required to complete a course, consisting of a minimum of 120 semester hours, in addition to physical culture, carrying regularly four studies and Bible throughout a course of four years. Less than four studies and Bible will be allowed only by special vote of the Faculty. Class officers may grant five courses and Bible to students who receive no grade below 80 the preceding semester, or whose grade would average 85, with not more than one grade below 80, and no grade below 70.

The semester hour consists of one recitation, lecture or laboratory period a week for one semester. Thus, a course which meets three times a week is reckoned three semester hours for a semester, six a year.

The following specific requirements are made of all students:

Freshman Mathematics.
Freshman English.
One hour of Bible throughout the College course.
One year of History before the end of the Junior year.
One year of Laboratory Science before the Junior year.
Two semesters' work in Philosophy.
Physical Education in Freshman and Sophomore years.

**Freshmen and Sophomores.** The student must so arrange his work that by the close of the Sophomore year he shall have taken at least twelve semester hours in the studies of each of the above groups.

**Juniors and Seniors.** The student must so arrange his work in the Junior and Senior years that at graduation he shall be able to present a Major (consisting of not less than six semesters' work) in some department or approved combination of departments, the work to be of a grade of advancement acceptable to each department as Major work. A statement of such courses as are regarded as too elementary to count toward a Major will be found under the description of work in the various departments which offer such courses.

## DEGREES

The Degree of Bachelor of Arts will be granted to a student who majors in any subject in Groups I or II or in Mathematics, provided the candidate has had at least four years of work in ancient languages, of which work at least two years shall be of college grade.

The degree of Bachelor of Science will be granted to a student whose major is in Physics, Chemistry, or Biology.

The degree of Bachelor of Philosophy will be granted to a student whose major is in any subject in Groups I or II or in Mathematics, but who does not meet the ancient language requirement for the Bachelor of Arts degree.

The degree of Bachelor of Music will be granted to those meeting certain requirements, regarding which reference should be had in the Catalogue to the work of the Conservatory of Music.

In brief summary, each candidate for the Bachelor's Degree must complete a four year's course, each year carrying four studies and Bible, the whole amounting to a minimum of 120 hours, taking

certain prescribed courses as stated above. Within the first two years he must take at least twelve hours in each group, and by graduation complete a Major (at least 6 semester courses) in some one department.

# Departments of Instruction

## BIBLE.

DEAN PARSONS.

**1 and 2. Old Testament.**

This course aims to bring out the Divine purpose revealed in the early life of the race, more especially in the history and development of the Hebrew nation. There will be a study of the promises of the Messiah and the expectations of the Israelites concerning him. The period between the Old and New Testaments will be reviewed. Required of Freshmen.

One hour weekly, throughout the year.

**3 and 4. The Life of Christ.**

In this course the earthly life of the Lord Jesus as the Promised One is brought before the students. The great purpose of His life, and the way in which that purpose was accomplished are reviewed, in order to secure a sympathetic co-operation in His plans. Required of Sophomores.

One hour weekly, throughout the year.

**5. Apostolic History.**

During this semester the organization and development of the early Church will be the subject of study. The program of world-wide evangelization as disclosed by the Holy Spirit in the training and dispersion of the Apostles and Disciples will engage special attention. Required of Juniors.

One hour weekly, first semester.

**6. The Life and Letters of Paul.**

This course consists of a careful study of the life of the Apostle Paul, as recorded in the latter portion of the Book of Acts and his Epistles. The aim will be to trace the gradual crystalizing

of Divine truth under the guidance of this master mind. Required of Juniors.

One hour weekly, second semester.

**7. History and Methods of Missions.**

It will be the purpose of this course to carry on still further the work of the Junior year. The program of the Book of Acts for world evangelization will be followed through the history of the subsequent centuries, including the nineteenth and twentieth. Required of Seniors.

One hour weekly, first semester.

**8. Studies in the Psalms.**

This wonderful collection of Hebrew hymns will come before the class for study. Opportunity will thus be afforded for excursions into the history, poetry, archeology and theology of this people. The use of the Psalms in the life of the world will also be considered. Required of Seniors.

One hour weekly, second semester.

In addition to the above required work, elective courses will be offered by the Bible department in the following subjects:

**9. Christian Psychology.**

This course will bring to the consideration of the students man as a religious being. The phenomena of religion and the spiritual nature of man as revealed in these phenomena will furnish the material. The aim: To be able to understand and use spiritual forces as they are discovered in society. Open to Juniors and Seniors only.

Two hours weekly, first semester.

**10. Biblical Sociology.**

This course is wrought out from material discovered in the laws and history of the Hebrews in the Old Testament; completed by the fuller teachings of Jesus in the New Testament. There will also be opportunity for discussion of the secular and religious aspects of the modern sociological situation. Open to Juniors and Seniors only.

Two hours weekly, second semester.

**11. Comparative Religion.**

This course brings to the knowledge of the student the ethnic religions, and through comparison seeks to discover their strength and weakness and their relation to Christianity. Open to Seniors.

Two hours weekly, first half first semester.

**The Bible and Life Problems.**

This course will seek to discover and develop what the Bible has to say concerning the problems which confront young men and women. Open to Seniors.

Two hours weekly, second half first semester.

**12. The Gospel of John.**

A careful and critical study of the fourth Gospel that its unique message may be the better understood and appropriated. Open to Seniors.

Two hours weekly, second semester.

**13. Outline of Church History.** (History 9.)

Designed to furnish an outline for a more extended study of the church from its inception down to the Council of Trent.

Prerequisite: History 21 and 22.

One hour weekly, first semester. Professor Hildreth.

**15. Hymnology.**

A study of sacred music with special reference to its importance and right use in worship.

One hour weekly, first semester. Professor Mountain.

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## BIOLOGY.

PROFESSOR CARTER.

MR. REED.

**1 and 2. General Biology.**

Introduction to both Botany and Zoology, and required as a preliminary to all advanced work in either department. This course

aims to give such knowledge of fundamental principles concerning the activities of living things as to furnish a basis for more advanced work in Animal Husbandry, Physiology, or special Zoological or Botanical subjects. Its place as a preparation for medical studies is generally recognized. This course is of special service in a scheme in general culture, since it gives a foundation for a comprehension of the current literature relating to plant and animal life, and of the relations of plants and animals to mankind. Furthermore, this particular course offers an opportunity for students to obtain an insight into the processes of living matter. It is its purpose to give a survey of the activities of living things so that they may be appreciated in their bearing upon other fields of knowledge. This course is considered a desirable antecedent to the courses in Sociology, Psychology, and Philosophy.

Laboratory work, lectures, recitations.

Four hours weekly, throughout the year.

**4. General Botany.**

A general course with considerable attention to systematic botany.

Text-books: Atkinson's College Botany; Gray's Manual.

Four hours weekly, second semester.

**5. Vertebrate Anatomy.**

A number of representative vertebrates are carefully dissected in order to give the student a first-hand knowledge of the morphology of the vertebrates and at the same time careful practice in anatomical technique. In the lectures and recitations the classification of the vertebrates and the comparative morphology of the various organ systems are discussed. The course is designed for students preparing for medicine or for advanced work in Anatomy or Zoology.

Four hours weekly, first semester.

**6. Histology.**

Methods of fixing, imbedding, cutting, staining and mounting tissues for microscopical study.

Lectures, recitations and laboratory.

Four hours weekly, second semester.

**7. Bacteriology.**

A general course in the study of bacteria. The preparation of culture media, the growth of typical forms and their microscopic study are included. The relations of bacteria to the home, the farm and to medical science are considered.

Lectures and laboratory work.

Four hours weekly, first semester.

**8. Advanced Bacteriology.**

The careful study of pathogenic bacteria, with experimental work.

Lectures and laboratory.

Four hours weekly, second semester.

**9 and 10. Physiology.**

The study of human physiology.

Recitations and laboratory.

Three hours weekly, throughout the year.

**20. Historical Biology.**

A course dealing with the development of the biological sciences and their present day tendencies.

Three hours weekly, second semester.

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## GEOLOGY.

PROFESSOR CARTER.

**1 and 2. General Geology.**

1. Dynamic and Structural Geology. The geological forces and the work they accomplish and a study of the original and secondary structures of rocks. Each student will identify about seventy-five minerals in the laboratory.

2. Physiographic and Historical Geology with special reference to the North American continent, and a study of the evolution of

land, and of life forms from the oldest geological record down to the present time.

Text-book: Chamberlain and Salisbury.

Lectures, recitations and field work.

Three recitation periods and one laboratory period weekly throughout the year.

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## CHEMISTRY.

PROFESSOR McKENZIE.

MR. REED.

### Chemistry 1 and 2. Elementary Inorganic Chemistry.

This course covers the general field of Elementary Chemistry. The subject is presented by lectures with illustrated experiments and by recitations. The students are required to perform most of the experiments in the laboratory, keeping notes on their work.

1. During the first semester the fundamental principles of the theory of Chemistry and the properties and reactions of the non-metallic elements and their simpler compounds are studied.

2. The work of the second semester includes a study of the properties and methods of preparation of the common metals and their simpler compounds. Work in photography, electrolysis and with the spectroscope is also included.

Text-books: McPherson and Henderson: First Course in Chemistry; McPherson and Henderson: Laboratory Manual for A Course in General Chemistry.

Four hours weekly, throughout the year.

### 3 and 4. Advanced Inorganic Chemistry and Qualitative Analysis.

This course is designed to give a more thorough knowledge of the modern theories of chemistry, of their development and of their application to the analytical work in the laboratory and in manufacturing. The subject is presented by lectures, recitations and assigned readings. The laboratory work includes some quantitative experiments on the combining ratios of the elements and molecular weight determinations, followed by qualitative analysis.

Text-books: Alexander Smith's General Inorganic Chemistry; W. A. Noyes' Qualitative Analysis.

Open to students who have completed courses 1 and 2. A knowledge of Physics at least equal to that given in Physics 3 and 4 is desired for good work in this course.

Four hours weekly, throughout the year.

**5 and 6. Organic Chemistry.**

This course gives a general survey of the simpler compounds of carbon, their structure and chemical behavior. It familiarizes the student with the methods of work in the organic laboratory in the preparation and study of the physical and chemical properties of organic compounds. It gives the facts and shows how the theories which have led to the modern conception of chemistry were developed.

Text-books: Ira Remsen: Organic Chemistry; J. F. Norris: Experimental Organic Chemistry.

References will be assigned to other standard works.

Prerequisite: Chemistry 1 and 2.

Four hours weekly, throughout the year.

Note—Courses 3, 4, 5 and 6, and Physics 3 and 4 are necessary for students expecting to enter the best medical schools.

**7 and 8. Applied Chemistry and Quantitative Analysis.**

The principles underlying the methods of gravimetric analysis and of the preparation and standardization of volumetric solutions are taken up and mastered. A few standard gravimetric and volumetric determinations are made and then their application to the analysis of a few substances undertaken. These include such determinations as the strength of vinegar, and of baking powders, hardness of water, alcohol in fermented liquors, milk analysis, etc. The quantitative determinations are accompanied by qualitative tests for the identification and for presence of impurities.

Text-books: Olsen: Quantitative Analysis, supplemented by Olsen: Pure Foods; Allyn: Elementary Applied Chemistry and assigned reading.

Prerequisite: Chemistry 1 and 2.

One recitation and three laboratory periods weekly, throughout the year.

By special arrangement Course 7 may be taken in the second semester.

Courses in advance of Courses 1 and 2 are usually given in alternate years. For details see the head of this department.

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## PHYSICS.

PROFESSOR McKENZIE.

Student Assistant, Mr. Brier.

**3 and 4. General Physics.**

Throughout the year.

**3. Mechanics, Sound, and Heat.** The laws of pure motion, of matter in motion and the properties of matter are studied. This is followed by a study of sound and heat. The subject is presented by lectures, following the work of the text-book, with experiments illustrating the principles considered, by recitations on the lectures and text-book, and by laboratory work.

Readings on selected topics will be assigned.

Text-books: Kimball's College Physics and Ames and Bliss's Manual of Experiments in Physics.

Two class room and two laboratory periods weekly, first semester.

**4. Electricity, Magnetism and Light.** This is a continuation of course 3. Special attention is given to the fundamental laws of Magnetism, and Electricity, and Light, and to their practical applications. A working knowledge of algebra, geometry and trigonometry is required for course 3 and 4.

Text-books: Same as in course 3.

Two recitations and two laboratory periods weekly, second semester.

**5 and 6. Practical Electricity.**

The aim of this course is to familiarize the student with the historic development of dynamic electricity from Oersted's dis-

covery to the present day. It gives the student an appreciation of the way the great scientific principles in this field have been worked out and applied step by step in perfecting the electrical machines and how these principles have been adapted to the uses of our every day life. With this aim the mathematical treatment is used only so far as necessary to give a clear understanding of the fundamental principles of the dynamo and motor, the transformer and the conservation of energy involved.

**5. Direct Current Machinery and Application.** This course presents an opportunity to work with direct current dynamos and motors, and to study their development, construction and use. The application of direct current to electric arc and incandescent lighting, storage batteries and electro-chemistry.

Recitations, assigned reading and laboratory work.

Text-book: Timbie: Elements of Electricity for Technical Students, with Laboratory Manual.

Four hours weekly, first semester.

**6. Alternating Current Electricity.** During the second semester the development of the use and construction of alternating current machinery and transmission of alternating current will be studied. Included in the subjects studied are single and poly-phase alternators, transformers and their development, alternating current series and synchronous motors, single, two- and three-phase induction motors, and the use and transmission of alternating current for power, lighting, and transmission of intelligence.

This course is open to students who have completed course 3 and 4, or to students who, on consultation with the head of the department, show that they have had sufficient preparation in general physics.

The electrical equipment includes a power plant, a 2 H. P. gasoline engine driving direct current and single- and double-phase alternating current dynamos, D. C. motors and A. C. motors, of synchronous, single-phase, two- and three-phase induction motors, standard and commercial volt and ammeters for both D. C. and A. C., storage batteries, transformers for single-phase, and for changing two- to three-phase current arc and incandescent lamps of different voltages and of the latest types of metal filaments, and flaming arc, galvanometers, resistance boxes, bridges, etc.

Four hours weekly, second semester.

A major in Physics and Chemistry may be secured by combining Chemistry 3 and 4 with Physics 3-4 and 5-6.

**7. Theoretical Mechanics.** Given by Professor Watson.

See under Department of Mathematics.

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## ENGLISH LANGUAGE AND LITERATURE.

PROFESSOR MORRIS.

MRS. JOHNSON.

**1 and 2. Freshman Composition.**

It is the purpose of this course to develop power of expression and to give a basis for intelligent judgment of style. The course presupposes a knowledge of the grammar and rhetoric of the English sentence. The paragraph is taken as the unit of class-room practice for the first semester. In addition to daily themes throughout the year, there will be weekly readings in essay and fiction and occasional conferences between instructor and individual student.

The work of the second semester will include the writing and delivery of an oration. The course is required of all Freshmen.

Three hours weekly, throughout the year.

**3 and 4. Representative Writers of the Nineteenth Century.**

It is the first purpose of the course to cultivate appreciation of literary values; the selection of work is made with a view to tracing the development of literary art as an expression of the life of the century, but the emphasis is upon the literary significance of the work. The course is not a survey of the literature of the century.

In the first semester Wordsworth, Coleridge, Shelley, Lamb,

DeQuincey and Carlyle are considered. The writings of Tennyson, Browning, Arnold and Ruskin are taken up in the second semester.

The course is conducted by lecture and discussion. Each student will select a topic for a somewhat intensive study, upon which a report will be made at the close of the semester.

Prerequisite: English 1 and 2.

Three hours weekly, throughout the year.

**9. The Rhetoric of Oratory.**

The work of this course includes the study of the nature of the oration as a form, the material and method of the orator and the fundamental rhetorical problems involved in the writing of an oration. The preparation and delivery of an oration will be a part of the work.

Text-book: Shurter's The Rhetoric of Oratory.

Three hours weekly, first semester.

**11. Argumentation.**

It is the purpose of this course to give opportunity to study the principles of debate, the gathering and organization of material and the weighing or argument. The course is recommended to those interested in forensics.

Text-book: Principles of Argumentation, Baker and Huntington.

(Not given in 1917-'18.)

**5. Development of the English Drama.**

The course traces the development of the drama from the early liturgical plays to the present. The student will read one play each week and will read into the critical literature of the chief periods. Each student will select a narrow field, upon which a written report will be made at the close of the semester. The course is conducted by lecture and reports upon subjects assigned.

Prerequisite: English 1 and 2.

(Not given in 1917-'18.)

**6. Shakespeare.**

The study of Shakespeare as a world genius and as a successful playwright of the Elizabethan period. A careful study will be made of several selected plays and some time will be given to the critical literature upon Shakespeare. Each student will undertake to answer some one question in dramatic criticism as a term study.

Prerequisite: English 1 and 2.

(Not given in 1917-'18.)

**7. American Literature.**

A survey of the literature of America and an attempt to trace its connection with British and continental literature and its development as an expression of American life. The development will be traced by lecture and the literature itself will be read and discussed by the student.

Prerequisite: English 1 and 2.

Three hours weekly, first semester.

**8. The English Novel.**

A course in the English novel in which an attempt is made to trace development as an artistic expression of the thought of the period, and, by a study of types, to establish a basis for critical appreciation. After making brief note of origins, selection of novels will be made from Richardson, Fielding, Austen, Scott, Thackeray, Eliot, Dickens, Hawthorne, Meredith and Hardy.

Prerequisite: English 1 and 2.

Three hours weekly, second semester.

**12. The Short Story.**

The study of the short story as a distinct form of fiction, its development, its subject matter and technique. The work will include the writing of one short story.

Elective for Juniors and Seniors.

Three hours weekly, second semester.

(Not given in 1917-'18.)

**Seminar.**

The first semester will be given to a study of rhetorical theories; the work will be done in part by lecture and in part by the seminar method. The second semester will be given to specific topics in criticism and the work will be done by report and discussion.

Open to seniors with two years of work in English. Required of all seniors in English Major.

Two hours weekly, throughout the year.

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## GERMAN.

PROFESSOR WIRTZ.

MISS GILDERSLEEVE.

**1 and 2. Elementary German.**

This course includes the essentials of German grammar, the reading of selections in prose and verse, German conversation and composition. It is open only to students who have presented two full units in foreign languages. No credit will be given unless the whole course is completed.

Five hours weekly, throughout the year.

**3 and 4. Intermediate German.**

Modern prose writers, Storm, Freytag, Seidel, Ernst, etc., German lyrics and ballads, Lessing's Minna von Barnhelm, Schiller's Wilhelm Tell. Open to students who have completed course 1 and 2, or its equivalent.

Four hours weekly, throughout the year.

**5 and 6. The Classical Period.**

This course will include the critical study of representative works of Lessing, Goethe, and Schiller; lectures, outside readings,

and reports. Open to students who have completed courses 1-4, or their equivalents.

Three hours weekly, throughout the year.

**7 and 8. The 19th Century.**

Two courses in the literature of this period will be given in alternate years. The course will present an outline of German life in the 19th century as reflected in the German novel and short story; the second course will take up the drama of this period exclusive of the works of Goethe and Schiller. Open to students who have completed courses 1-4, or their equivalents.

Three hours weekly, throughout the year.

A Major in German consists of three years' work, not including courses 1 and 2.

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## FRENCH.

MISS GILDERSLEEVE.

**1 and 2. Elementary French.**

Grammar, composition, dictation, reading, special stress being laid upon accurate pronunciation. Fraser and Squair: Shorter French Course; Aldrich and Foster: French Reader; Labiche and Martin, Le Voyage de M. Perrichon. No credit given unless the whole course is completed.

Four hours weekly, throughout the year.

**3 and 4. Intermediate French.**

Reading, dictation, composition and conversation. Le Sage, Gil Blas, Sand, La Mare au Diable; Daudet, La Belle Nivernaise; Moliere, Le Bourgeois Gentilhomme; Balzac, Eugenie Grandet.

Three hours weekly, throughout the year.

## HISTORY.

PROFESSOR HILDRETH.

ASSISTANT PROFESSOR WARD.

### 21. Mediaeval Europe.

A study of the Dark Ages, the Migrations, the growth of the Papacy, Monasticism, Mohammedanism, Feudalism, the Crusades, beginning of national consciousness, rise of the Free Cities, the Renaissance. Courses 21 and 22 are introductory courses and will be taken before other college work in History.

Text-book, lectures, readings, and reports.

Required of Sophomores in all courses; cannot be taken after the Junior year.

Three hours weekly, first semester.

### 22. Modern Europe.

A survey of European history since the close of the Middle Age. The inception and development of the new Europe, with some consideration of the great movements which have characterized it. A continuation of History 21.

Text-book, lectures, readings, and reports.

Prerequisite: History 21.

Required of Sophomores in all courses; cannot be taken after the Junior year.

Three hours weekly, second semester.

### 33 and 34. History of the English People.

The rise and development of the English nation, especially along political, social and economic lines. The beginning and unfolding of its institutions is traced and an endeavor made to bring out strongly the human element, making the life of the nation real, something more than a succession of events, dates, or dynasties. Particular study will be devoted to the England of the sixteenth

and succeeding centuries. Constant reference is made to sources and original documents.

Recitations and readings.

Text-book: History of England (college edition), Terry.

Prerequisite: History 21 and 22.

Junior elective.

Three hours weekly, throughout the year.

**37. History of the United States.**

A course taking up the consideration of national beginnings at the close of the Revolution and subsequent development down to the opening of the Civil War.

Text-book, readings and lectures.

Prerequisite: History 21 and 22.

Elective for Juniors and Seniors.

Three hours weekly, first semester.

**38. History of the United States.**

A continuation of course 7, covering the period from the Civil War to the present year. Particular attention will be given to the movements, social and economic, of recent years.

Text-book, readings and lectures.

Prerequisite: History 37.

Elective for Juniors and Seniors.

Three hours weekly, second semester.

**45. The Protestant Revolt.**

A rapid outline study of the time of the Reformation, its historical setting, the causes which produced it, its distinguishing characteristics, political, social and economic, as well as religious, its influence upon modern thought and life, with some account of its notable figures. Designed to furnish a general outline of the period.

Lectures and text-book.

Prerequisite: History 21 and 22.

Senior elective.

Three hours weekly, first semester.

**46. History of the Intellectual Life of Europe.**

More particularly from the thirteenth to the eighteenth centuries. The aim of this course is to sketch the background of intellectual history, the transmission of Greek and Roman culture through the Middle Ages and to bring out as clearly as possible the progress of thought and the changing mental conceptions of the centuries as illustrated by certain representative types from about the time of Roger Bacon and the beginnings of modern experimental science, considering among others, Marsiglio of Padua, Dante, the Humanists from Petrarch to Erasmus, astrology, witchcraft, the genesis of the spirit of progress, the Encyclopaedists, etc.

Lectures, assigned readings and discussions.

Prerequisite: History 21 and 22.

Senior elective.

Three hours weekly, second semester.

**9. Introduction to Church History.**

The subject will be treated strictly from the historical point of view. Designed to furnish an outline for a more extended study of the church from its inception down to the Council of Trent.

Open only to those college students and students in the Lewis B. Parsons, Jr., School of English Bible who have had History 21 and 22. Does not count toward a major.

Text-book and lectures.

One hour weekly, first semester.

Will be given only on condition of such registration as shall be satisfactory to the instructor.

**A Major in History** consists of not less than twenty-four semester hours, six of which must be History 21 and 22. Courses should be taken in the following order viz.: Sophomore year, History 21 and 22, Junior year, History 33 and 34 and History 37 and 38, Senior year, History 45 and 46.

## POLITICAL AND SOCIAL SCIENCE.

PROFESSOR HILDRETH.

ASSISTANT PROFESSOR WARD.

### 41. Introduction to Economics.

A course in the fundamental principles of Economics designed to secure for the student an intelligent understanding of the various economic theories. Attention will also be given to present day conditions, the aim being to make the study not less practical than theoretical, some attention being paid, so far as possible, to monopolies, the various aspects of the trust question, and problems connected with money and banking and international trade.

Text-book, readings and assigned topics for individual study.

Senior elective and for those students who have had History 33 and 34.

Three hours weekly, first semester.

### 42. Sociology.

The subject is treated broadly, but with sufficient detail to provide a working knowledge of sociology, particular emphasis being placed upon the practical phases of the subject, especially with reference to conditions and problems in this country. The development of social relations is followed by a study of the units of organization and the following topics more particularly discussed, viz.: population, both urban and rural, special problems of the city, employment, the present labor system, education, social well-being, charitable relief, criminology, so-called solutions for social and economic difficulties. The topical method of treatment is largely, although not exclusively, employed.

Text-book, lectures and reports on assigned topics for investigation.

Prerequisite: Economics 41.

Senior elective and for those students who have had History 33 and 34.

Three hours weekly, second semester.

## LATIN

PROFESSOR JOHNSON.

**1x. Sub-Freshman Latin.**

For students who have had only two years of Latin in High school and wish to resume its study the following course is offered:

Selections from Sallust and Cicero will be read during the first semester, special attention being given to the structure of the language.

Four hours weekly, first semester.

**2x.**

Selections from all the books of Vergil's Aeneid will form the work of the second semester. Here the aim will be literary rather than linguistic.

Four hours weekly, second semester.

N. B. Courses 1x and 2x will receive college credit, but will not be counted toward a Major in Latin.

**1. Livy.**

Books I, XXI, and XXII are read. Constant practice in sight reading is given. Some attention is given to Livy's style and his place in Latin literature. Purely grammatical questions are made secondary to the acquisition of the power to read Latin rapidly and accurately.

Text-book: Greenough and Peck's Livy (combined edition).

Four hours weekly, first semester.

**2. Cicero and Horace.**

After a rapid reading of Cicero's De Senectute, the remainder of the semester is devoted to a careful study of the Satires and Epistles of Horace.

Text-book: Bennett's Cicero, Greenough's Horace.

Four hours weekly, second semester.

**3. Horace: Odes and Epodes.**

A careful reading and analysis of the principal Odes and Epodes. Occasionally selected Odes will be assigned for a careful translation into metrical English.

Text-book: Smith's Horace (revised edition).

Three hours weekly, first semester.

**4. Tacitus and Plautus.**

After a rapid reading of Tacitus' Agricola, the remainder of the semester is devoted to the reading of at least two plays of Platus. The Menaechmi and Captivi are usually read.

Some attention is given to the metres of Plautus and his sources.

Text-book: Hopkins' Tacitus, Fowler's Plautus, Menaechmi.

Three hours weekly, second semester.

**5 and 6. Roman Law.**

This course opens up a new field of study to students of Latin. The reading in class is confined to Robinson's Selections from Roman Law. In lectures the development of Roman law is taken up and an attempt is made to make this a practical course for those who may contemplate law as a profession.

Open to students who have taken two years of college Latin or who can satisfy the instructor of their fitness to profit by the course.

Text-book: Robinson's Selections from Roman Law.

Three hours weekly, throughout the year.

***7. Latin Grammar: Sounds and Inflections.**

This course is open only to students who major in Latin. The work consists of investigations of assigned topics, supplemented by lectures. The ability to read difficult German is a prerequisite.

Text-book: Bennett's Latin Language.

Three hours weekly, first semester.

***8. Latin Grammar: Syntax.**

After an outline study of the leading topics of Latin Syntax is presented, questions for more careful study will be assigned to

members of the class upon which at stated times reports will be called for. Considerable outside reading will be expected.

Text-book: Bennett's Latin Language.

Three hours weekly, second semester.

*Latin 7 and 8 are open only to students who major in Latin and should ordinarily be taken in the Senior year.

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## GREEK.

PROFESSOR JOHNSON.

**1 and 2. Beginners' Course for Freshmen.**

This course is open to students who wish to begin the study of Greek in college.

During the first semester the forms of the language are covered as rapidly as possible. After the completion of this study in the second semester as much of Xenophon will be read as the time will permit.

College credit will be given for this course.

Five hours weekly, throughout the years.

**3. Homer: Selections from the Iliad and Odyssey.**

Some attention will be given to the Homeric Syntax and other Homeric questions. But principally these poems will be studied as types of national epics.

Four hours weekly, first semester.

**4. Greek Drama.**

A play each of Sophocles, Euripides and Aristophanes will be read. These plays will be interpreted as types of Greek literary art. Some attention also will be given to the origin and place of the drama in Greek life and to the standing of each author in Greek literary history.

Four hours weekly, second semester.

**5 and 6. Greek Testament.**

If called for this course will be given one hour weekly. It may be taken either one semester or throughout the year.

## MATHEMATICS.

PROFESSOR WATSON.

MISS HUNT.

**1. Higher Algebra and Plane Trigonometry.**

Beginning with a rapid view of radicals and quadratic equations, the work embraces proportion, variation, the progressions, permutations and combinations, indeterminate coefficients, partial fractions, binomial theorem, series, method of differences, logarithms, imaginaries, and a brief course in determinants and the theory of equations. The last four weeks of the semester will be devoted to plane trigonometry.

Required of Freshmen.

Text-book: Fite's College Algebra.

Four hours weekly, first semester.

**2. Plane Trigonometry and Introduction to Analytic Geometry.**

Attention is given to the analytical theory of the trigonometric functions, the development of the general formulae, the solution of the triangles and practice in the use of logarithmic tables. In Analytic Geometry the endeavor is to acquaint the student with the general methods by which analysis is applied to geometrical problems. The work includes the construction and discussion of the loci of equations, the geometry of the straight line, the circle and the conic sections. About one-third of the semester is devoted to Trigonometry, the remainder being given to Analytic Geometry.

Required of Freshmen.

Text-books: Durell's Plane Trigonometry; Smith & Gale's Analytic Geometry.

Four hours weekly, second semester.

**3. Differential Calculus.**

Numbers, variables and functions, the theory of limits, general principles and formulae of differentiation, together with numerous applications to geometry and mechanics, successive differentiation, the development of functions in series, maxima and minima.

Text-book: Granville's Differential and Integral Calculus.

Four hours weekly, first semester.

**4. Integral Calculus.**

This is a continuation of Course 3. The general principles and formulae of integration are developed and applied to such problems of geometry as the rectification of curves, determination of areas, volumes, etc., centers of gravity, moments of inertia, etc.

Text-book: Granville's Calculus.

Four hours weekly, second semester.

**5. Advanced Calculus.**

This course treats such topics as partial derivatives, Taylor's Theorem for functions of several variables, singular points, envelops, involutes and evolutes, etc., definite integrals, improper integrals, line integrals, Green's Theorem, Fourier's Series, etc.

References to Byerly, Williamson, Todhunter and other authors.

Four hours weekly, first semester.

**6. Differential Equations.**

The endeavor is to make this course practical, rather than theoretical. A large number of examples are solved, and numerous applications are made to problems of physics and mechanics.

Text-book: Murray's Introductory Course in Differential Equations. Reference to Cohen, Johnson, and Forsythe.

Three hours weekly, second semester.

**7. Theoretical Mechanics.**

This course deals with the general principles of dynamics, the laws of motion, statics, the dynamics of a particle and of rigid bodies.

Text-book: Wright's Elements of Mechanics.

Three hours weekly, first semester.

**8. Algebraic Analysis.**

This course treats the subjects of determinants, the theory of equations and the elements of the theory of functions of a real variable. It is given by lectures and special reports. The attempt is made to introduce the student to a somewhat broad range of

mathematical literature. Ability to read German or French is desirable, although not necessary for this course.

Three hours weekly, second semester.

**9. History and Pedagogy of Mathematics.**

The first one-half of the semester will be devoted to the history of the development of elementary mathematics by the Egyptians, Hindoos, Greeks, Arabs, Romans, and modern European nations. The course will consist of lectures and reports on assigned topics. The second one-half of the semester will be devoted to the study of the Pedagogy of Mathematics. Young's Teaching of Mathematics will be used as a text in connection with lectures and reports on assigned readings.

Three hours weekly, first semester.

**10. Elementary Analysis.**

This course is planned for those persons who wish some mathematical training beyond that of Freshman rank, but have not taken Calculus, or wish additional work in Analytic Geometry and Calculus with numerous applications. Emphasis will be laid on the graph and graphic solutions.

Text-book: Smith and Granville's Elementary Analysis.

Three hours weekly, second semester.

**11. Determinants and Solid Analytical Geometry.**

The first half of the semester will be given to a study of determinants and determinant notation with applications to solutions of equations. The second half of the semester will be devoted to the study of theory of solid analytical geometry with applications.

Text-books: Theory of Determinants; Weld, Bailey & Wood's Analytical Geometry.

Three hours weekly, semester to be determined by circumstances.

**12. Functions of a Complex Variable.**

This course is designed as an introduction to the field, "Functions of a Complex Variable," and will deal with the complex

variable in algebra, circular trigonometry, hyperbolic trigonometry, logarithms, generalized circular functions, and conformal representation. Elective for Juniors and Seniors.

Three hours weekly.

**13. Surveying.**

The course consists of lectures, recitations, adjustment of instruments, and field work. The latter includes the use of the tape, determination of areas with tape and transit, use of Y-level, with considerable practical work. A careful study is made of United States land survey methods, original surveys, re-establishment of corners and boundaries, and court decisions relating thereto.

Elective for Juniors and Seniors.

Text-book: Raymond's Plane Surveying.

Three hours weekly, second semester.

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## ASTRONOMY.

PROFESSOR WATSON.

**1 and 2. General Course.**

This is mainly a course in Descriptive Astronomy. It aims to supply a general knowledge of the more important facts and underlying principles of Astronomy, and some acquaintance with the methods of arriving at the facts. Recitations and lectures are supplemented by observations of the heavens and studies in the location of the principal stars and constellations, and some use of the telescope. Open to Juniors and Seniors.

Text-book: Moulton's Introduction to Astronomy.

Three hours weekly, throughout the year.

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## PHILOSOPHY.

PROFESSOR WINTER.

**1 and 2. Psychology.**

This is an introductory course in general Psychology. Through the study of text-books, demonstrations, library references and

experiments performed by the students the principles of mental life and development are studied. Ladd and Woodworth's Elements of Physiological Psychology with Whipple's Manual of Physical and Mental Tests are used as basic texts.

Elective for Juniors.

Three hours weekly, throughout the year.

**3. Logic.**

This course takes up induction, deduction, and the general nature of thought. Especial attention is given to fallacies and the means of detecting them. Creighton's Introductory Logic is used as a text and Lafleur's Illustrations of Logic as a chief source of illustrative material.

Elective for Juniors and Seniors.

Three hours weekly, first semester.

**4. Ethics.**

After a consideration of the nature and methods of ethics, a study is made of the theories of conscience, teleology, hedonism, energism, character, and freedom. These views are studied especially as applicable to present social conditions and in the light of present day psychologic thought. Dewey and Tuft's Ethics is the central text-book used.

Elective for Juniors and Seniors.

Three hours weekly, second semester.

**5 and 6. Philosophy.**

A brief study of the history of philosophic thought and theories is followed by a somewhat more intensive consideration of some of the problems of philosophy. The method followed includes text-book work, lectures, special readings and reports, and discussions.

Elective for Seniors.

Three hours weekly, throughout the year.

**7. Comparative Psychology.**

An introductory course in Comparative Psychology discussing such questions as the wave of consciousness, automatism and control, the evolution of consciousness, do animals reason, etc. Lloyd

Morgan's Introduction to Comparative Psychology will be used as a text.

Open to those who have had courses 1 and 2.

Three hours weekly, first semester.

**8. Social Psychology.**

A survey of the literature and the problems of social consciousness. Lectures and discussions of assigned reading.

Open to students who have had courses 1 and 2.

Three hours weekly, second semester.

Note. Courses 7 and 8 are designed to alternate with courses 5 and 6.

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## EDUCATION.

PROFESSOR WINTER.

**1 and 2. History of Education.**

This course takes up the educational spirit, ideals, and practice of different nations, of ancient, mediaeval, and modern times, with special stress on their influence on the education of the present. Monroe's Text-book in the History of Education, together with Graves' History of Education in Modern Times will be used as central texts, supplemented by library readings, reports and assigned topics. Elective for Juniors.

Three hours weekly, throughout the year.

**3 and 4. Principles of Education.**

In this course a scientific study of education as based on recent biological, psychological, and sociological thought is carried on. Education as a process of adjustment is emphasized. Bolton's Principles of Education is used as a text, and a general use made of library material to supplement it.

Elective for Seniors.

Three hours weekly, throughout the year.

**5. Elementary Padagogy and School Hygiene.**

A consideration of the actual problems of classroom management and the art of teaching is followed by a few weeks' study of the important features of school hygiene. Bagley's Classroom management and Shaw's Hygiene are used as texts. This course and course 6 constitute a year's work intended primarily for Sophomores.

Three hours weekly, first semester.

**6. Educational Psychology and Special Methods.**

This course is designed to follow course 5. Considerable time will be given to those phases of Psychology that bear directly on the methods of teaching and classroom management. McMurry's Method of the Recitation will be used as a text for a part of the work, supplemented by reports from Psychology, and Principles of Education. Intended primarily for Sophomores.

Three hours weekly, second semester.

**7 and 8. Senior Seminar.**

This course is intended for a study of special topics relating to education as now carried on in the United States and foreign countries. Theses and other original studies are worked out, and an attempt is made to keep in touch with developments in contemporaneous educational thought. While intended primarily for Seniors, this course is also open to Juniors.

Two hours weekly, first semester. The course will be repeated the second semester if called for.

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## PHYSICAL EDUCATION

MR. GARRETSON.

MISS BUCKLES.

Physical training is required of all students whose college rank is below that of the Junior class, and is open to Juniors and Seniors also. If undertaken by the latter, regular attendance will be required as in the case of the other classes.

Students on entering College may have their physical measurements taken. Special corrective exercises and advice concerning participation in athletic games will be given in cases where it is needed.

The following table will show the emphasis on work in this department at different periods in the year.

| Fall | Winter | Spring |
|---|---|---|
| Field Work | Gymnasium Exercises | Field Work |
| a. Football | a. General Calisthenics | a. Track Work |
| b. Track Work | Light Apparatus Work | b. Baseball |
| c. Tennis | b. Indoor Track Work | c. Tennis |
| | c. Basketball | |
| | d. Early Baseball Practice | |

**1. Required Course for Women.**

General gymnasium work and games Tuesdays and Thursdays, throughout the year.

a. Emerson Exercises; corrective and recreative exercises, including fancy steps, clubs, wands, dumbbells, and games.

b. Special classes in Gilbert rhythmic work and national Folk Dances.

c. Health Culture. The results sought in this course are health, natural poise, ease in standing, walking, mounting stairs, and all necessary daily acts.

Courses a and b are required. Class instruction in Physical Education is free to all women enrolled in the college; required of all during Freshman and Sophomore years.

**2. Required Course for Men.**

General gymnasium work, Wednesdays and Saturdays; indoor track work, Mondays and Fridays; basketball and indoor baseball at appointed hours.

A new gymnasium with a free floor space, ninety-five feet by fifty, and completely equipped with running track, modern gymnastic apparatus and baths, affords unsurpassed facilities for conducting the indoor work of this department. For outdoor exercises the Alumni Athletic Field provides an exceptionally good and perfectly drained baseball diamond, a football gridiron, several tennis courts and a quarter-mile cinder track sixteen feet in width.

# The Lewis B. Parsons, Jr., School of English Bible and Christian Service

**Purpose.** Ever since its organization Parsons College has placed large emphasis in its curriculum on the study of the English Bible. As a prerequisite to every degree a certain amount of class room work in the Bible has been required.

For years there had been a feeling that this subject should receive even larger recognition. Definite action was taken when the son and daughter of General Lewis B. Parsons offered to erect a building in memory of their father for the use of the Bible department. In June, 1914, the Board of Trustees established the "Lewis B. Parsons, Jr., School of English Bible and Christian Service" as a department of the College. Rev. Willis Edwards Parsons, D. D., for nine years president of the College, was elected Dean of the school and it was decided to raise $40,000.00 for its endowment.

This school has been established on the assumption that Bible study calls for as vigorous mental effort as students are required to give to studies in the arts and sciences. The aim is to maintain the highest standard of scholarship and at the same time to stimulate the deepest spirituality. The work will be along constructive, not destructive lines. Criticism, in so far as needed to ascertain the facts, will be employed; but the aim will be to strengthen the authority of the Bible as the Word of God, and to give it a larger place in the thought and life of the student.

The task will be two-fold:

1. To bring the Bible into the life of each student of Parsons College as the living message of the living God.

2. To train young men and women for effective Christian service at home and abroad.

**Equipment.** A building to house the school has been erected just north of Barhydt Memorial Chapel, with which it is connected by a cloister, and to which it conforms in architecture. It is constructed of Eddyville stone with Bedford stone trimmings and green tile roof. It has a frontage of seventy feet and a depth of

forty-four feet; the total length, including cloister, is one hundred and twelve feet. The heavy stone arches of the porch and cloister suggest massiveness and strength combined with grace.

The first story contains a handsome reception hall paneled in oak, with beamed ceiling. Out from this open the beautiful library, the offices for the Dean and two large, well lighted class rooms. In the second story, besides a large hall, there are two rooms, one for the records and memorials of the Parsons family, the other for a museum for curios and objects of interest from mission stations in all lands. The interior finish is white oak.

The building is equipped with maps, charts, books, stereopticon and whatever is needed to enhance the value of the courses offered by the school.

**Terms of Admission.** Students desiring to enroll in the Bible school will be expected to meet the requirements of the college the same as in other departments. Opportunity will be given to major in this department. Election may be made of work in other departments according to the preparation of the student.

## BIBLE TEACHERS' TRAINING SCHOOL FELLOWSHIP.

The Bible Teachers' Training School of New York City offers a fellowship in their School of Theology, to be awarded each year upon recommendation of the Faculty of Parsons College, to a member of their graduating class, or to a graduate of not more than five years' standing, whose purpose is to devote his life to Christian service.

The selection will be made on the basis of creditable scholarship, strength of character and personality, evidence of growing ability, and limitation of financial resources.

The Fellowship provides board, room and tuition and $50.00 for the student's incidental expenses. It may be held during the full course of three years. The incumbent must reside at the school, maintain a satisfactory standing in scholarship, and engage in a limited amount of active Christian service, under the direction of the Practical Work Department.

## OUTLINE OF COURSES (For full description see pages 47-49.)

**1 and 2. Old Testament History.** One hour weekly, throughout the year. Required of Freshmen.

**3 and 4. The Life of Christ.** One hour weekly, throughout the year. Required of Sophomores.

**5. Apostolic History.** One hour weekly, first semester. Required of Juniors.

**6. Life and Letters of Paul.** One hour weekly, second semester. Required of Juniors.

**7. History and Methods of Missions.** One hour weekly, first semester. Required of Seniors.

**8. Studies in the Psalms.** One hour weekly, second semester. Required of Seniors.

While the above courses are required work for the classes named, they will be open to those who have the necessary preparation and who desire to take them.

Besides this required work there will be the following

### Elective Courses

**9. Christian Psychology.** Two hours weekly, first semester. Open to Juniors and Seniors only.

**10. Biblical Sociology.** Two hours weekly, second semester. Open to Juniors and Seniors only.

**11. Comparative Religion.** Two hours weekly, first half second semester. Open to Seniors.

**11. The Bible and Life Problems.** Two hours weekly, second half second semester. Open to Seniors.

**12. The Gospel of John.** Two hours weekly, first semester. Open to Seniors.

**13. Outline of Church History.** (History 9.) One hour weekly, first semester. Professor Hildreth.

**15. Hymnology.** A study in Sacred Music. One hour weekly, first semester. Professor Mountain.

# The Academy

By vote of the Board of Trustees, March 13, 1917, upon previous recommendation of the Faculty, the Academy will be discontinued after the close of the present academic year ending June 7, 1917.

Provision, however, will be made for such students now in the Academy as are not fully qualified to enter the Freshman class in college. The college hereafter will furnish a limited amount only of sub-freshman work for those conditioned on entrance requirements.

# The Conservatory

The purpose of this school is to prepare those who pursue the study of music as a part of their general education or with the thought of making it their profession, with a technical and theoretical equipment so complete that there will be constant progress for all who faithfully apply the principles taught.

### Entrance Requirements.

Students entering the course leading to the degree of Bachelor of Music must meet the College Entrance Requirements as indicated on page 38, and in addition must present one semester of Elementary Harmony. In case the student is deficient in the latter requirement, opportunity will be given for completing this work before the advanced theoretical work is begun. Students may register for studies in Practical Music at any time. Students in the Conservatory not registered for regular courses in the College or Academy may pursue studies in either department for which they are qualified and for which they will pay the required tuition as indicated on page 33.

### College Credits Allowed for Work in the Conservatory.

Students who are candidates for the A. B., B. S., or Ph. B. degrees and at the same time expect to complete any of the courses in music will be allowed twelve credits for the required studies of Harmony 2, History of Music 3, Form and Analysis 4, Counterpoint, Canon, and Fugue 5, and Composition 6. Some idea may be gained regarding the preparation in practical music for the last two years' work in either of these courses from the fact that for the average student three years will be required to complete the Fourth, Fifth and Sixth grades.

### Mus. B. Degree.

The following four years' course for the degree of Bachelor of Music will meet the needs of students desiring to specialize in music and at the same time acquire a college education.

FRESHMAN YEAR.

| College. | Times per Week. | Cr. | Music. | Times per Week. | Cr. |
|---|---|---|---|---|---|
| English | 3 | 6 | Elementary Harmony | | |
| Bible | 1 | 2 | and Ear-training 1 | 2 | 4 |
| Mathematics or | | | History of Music 3 | 2 | 4 |
| Language | 4 | 8 | Practical Music | 2 | 6 |
| | | 16 | | | 14 |

SOPHOMORE YEAR.

| | | | | | |
|---|---|---|---|---|---|
| Language | 3 | 6 | Advanced Harmony 2 | 2 | 4 |
| Bible | 1 | 2 | Form & Analysis 4 | 2 | 4 |
| English or History | 3 | 6 | Practical Music | 2 | 8 |
| | | 14 | | | 16 |

JUNIOR YEAR.

| | | | | | |
|---|---|---|---|---|---|
| | | | Counterpoint, Canon, | | |
| Elective | 3 | 6 | and Fugue 5 | 3 | 6 |
| Bible | 1 | 2 | Practical Major | 2 | 8 |
| Psychology | 3 | 6 | Practical Minor | 2 | 2 |
| | | 14 | | | 16 |

SENIOR YEAR.

| | | | | | |
|---|---|---|---|---|---|
| Elective | 3 | 6 | Composition 6 | 2 | 4 |
| Bible | 1 | 2 | Practical Major | 2 | 8 |
| Elective | *3 | 3 | Practical Minor | 2 | 4 |
| | | — | Graduation Recital | .. | 3 |
| | | 11 | | | — |
| | | | | | 19 |

*3 times a week for one semester.

**The Following Additional Courses Are Offered.**

1. A course leading to Teacher's Certificate and Soloist's Diploma.

2. A two-year course in Public School Music.

**Teacher's Certificate.**

The student who performs satisfactorily in recital four (4) times and has completed five (5) grades in either piano, voice,

violin or organ, together with the theoretical work required in the Freshman or Sophomore years for the degree of Bachelor of Music, will be granted a Teacher's Certificate.

**Soloist's Diploma.**

The student who successfully completes the six grades in either piano, voice, violin or organ, together with the theoretical work required in the Freshman and Sophomore years for the Bachelor of Music course and gives a satisfactory public recital will be granted a Soloist's Diploma.

**Public School Music.**

The demand for competent men and women thoroughly qualified for the important work of supervising and teaching music in the public schools has made necessary the establishment of schools of method, where complete and comprehensive knowledge of the subject may be gained.

The course covering two years is designed to fit the candidate thoroughly for the position of supervisor or teacher of music in the public schools. Upon satisfactory completion of the course a diploma is granted. Students entering this course must meet college entrance requirements.

FIRST YEAR.

Elementary Harmony, Ear-training and Dictation.....twice a week
History of Music.....twice a week
Solfeggio .....twice a week
Public School Methods.....twice a week
Private lessons in Voice.....twice a week
Vesper Choir and Fairfield Oratorio Society.

SECOND YEAR.

Advanced Harmony .....twice a week
Form and Analysis.....twice a week
High School Methods.....twice a week
*Education 5 and 6.....three times a week
Private lessons in Voice.....twice a week
Vesper Choir and Fairfield Oratorio Society.

*This course is to be taken in college. Open to students who have completed college entrance requirements.

## Harmony.

In the work in harmony students are expected to write original exercises of all the examples studied.

### 1. Elementary Harmony and Ear-training.

First a thorough acquaintance with the scales, the intervals, the major, minor, diminished and augmented triads in all the major and minor keys. The dominant seventh chord, inversions of the triad and seventh. Harmonization of basses and melodies in close and open position. Simple modulation.

Melodic and rhythmic dictation, ear-training to identify intervals, triads in all forms and relation of chords in major and minor keys.

Twice a week.

Text-book: W. A. White: Harmony and Ear-training.

No credit for strictly college degrees will be allowed for this course.

### 2. Advanced Harmony.

Continuation of Course 1.

Irregular resolutions of the dominant seventh, secondary and diminished seventh chords, chord of the ninth, remote modulation, unprepared and unresolved dissonances.

Prerequisite: Elementary Harmony.

Twice a week.

Text-book: Foote and Spaulding's Modern Harmony.

Four college credits will be allowed for the year's work.

### 3. History of Music.

This course deals with the development of music in all its forms from its earliest beginning to the present.

Twice a week.

Text-book: History of Music, Pratt.

Four college credits will be allowed for the year's work.

**4. Form and Analysis.**

Chord reading. Bach's inventions. Primary forms. Song and Aria forms. Minuets, marches, Scherzos, rondos, theme and variations. The sonata form. Sonata as a whole. Preludes and fugues.

Prerequisite: Advanced Harmony.

Twice a week.

Four college credits will be allowed for the year's work.

**5. Counterpoint, Canon and Fugue.**

Counterpoint in the various species in two, three and four parts. Free harmonization of florid melodies as "canti firmi."

Bach's inventions will be reviewed. The student will be required to write an original invention as well as a two-part canon and fugue. The three and four-part fugue will be studied. Bach's well tempered clavichord will be analyzed.

Three times a week.

Six college credits will be allowed for the year's work.

**6. Composition.**

Vocal Composition (twice a week for the first semester).

Exercises in the application of both poetry and prose to musical forms. Hymn tunes, duets, trios, quartets and part songs with accompaniment will be written.

Instrumental Composition (twice a week for the second semester).

Piano pieces including the minuet, march, theme and variations, the string quartet and instrumentation. The student will present original work in all the forms studied.

Four college credits will be allowed for the year's work.

A total of twelve credits only, exclusive of Elementary Harmony and Ear Training, Course 1, from the above theoretical courses in music will be allowed college students who are not candidates for the Mus. B. degree. See under paragraph entitled College Credits Allowed for Work in the Conservatory.

## PIANO.

Special attention is given to even rhythm, correct fingering and proper touch in the first two grades and the development of tone, technique, interpretation and the acquiring of a repertoire throughout the course.

Compositions selected from the classics and best modern writers are taught. Beginning with about the third grade the strengthening of the fingers and wrist, and the working out of the hand to fit the various positions on the keyboard, is continuously developed.

## ORGAN.

This course begins with exercises for pedal technique. Allen's Pedal Studies; Dudley Buck's Studies for Pedal Technique and Exercises by Widor for Pedals are used. Organ Works by Bach, Mendelssohn and the best of modern composers are studied.

## VOICE.

The course of study is broad and comprehensive, embracing the following: Voice training, implying principles of breathing as applied to tone production and art of vocalization; voice placing and development of tone. The vowels and consonants are studied with special attention to pure diction.

## VIOLIN.

This course is divided into six grades, commencing with the correct manner of holding the instrument and bow, and the production of a smooth, round and full tone. Studies in the different kinds of bowing, finger exercises, etc. Composition from the classic and modern composers.

## PRACTICE.

The Conservatory has an equipment of a three-manual electric action Austin pipe organ and a grand piano placed in Barhydt Chapel for recital and practice purposes. Also five studio and practice rooms in Ewing hall and a town studio with grand piano, for the convenience of local patrons.

## MUSICAL ORGANIZATIONS.

The organizations of the Conservatory play a large and important part in the life of Parsons College.

The Fairfield Oratorio Society is composed of local residents and students who can qualify for membership. Its purpose is to give standard choral works in the best possible manner.

The society was successful in winning several prizes and gold medals at the Albia Eistedfod on Thanksgiving day. The opera, Pirates of Penzance, by Sir Arthur Sullivan was given this year. The works given in the past include the Messiah twice, Creation and Coleridge Taylor's Hiawatha's Wedding Feast and selections from opera.

The Young Men's Glee Club gives a number of concerts each season, including a tour during the spring vacation. It has achieved remarkable success as a musical organization of unusual merit and has elicited favorable criticism of a discriminating character.

The Parsons Concert Company, composed of a male quartet, ladies' quartet and accompanist, gives concerts in nearby towns. The past year has been a most successful one for this company.

The privilege of membership in the above organizations is open to properly qualified students in the college and the Conservatory. They are under the direction of Professor Mountain, Instructor in Voice.

The College Orchestra is composed of students of College and Conservatory, under the direction of Mrs. Mertie Pooler Mercer. A limited number of concerts is given each year.

## EXPENSES.

The charges for tuition for term of twelve weeks are as folllows:

### MR. MOORHEAD.

| | |
|---|---|
| Piano—Two 30-minute lessons per week | $21.00 |
| Piano—One 40-minute lesson per week | 14.00 |
| Organ—Two 30-minute lessons per week | 21.00 |
| Organ—One 40-minute lesson per week | 14.00 |

### MR. MOUNTAIN.

| | |
|---|---|
| Voice—Two 30-minute lessons per week | $18.00 |
| Voice—One 40-minute lesson per week | 12.00 |

MRS. MERCER.

| | |
|---|---|
| Violin—Two 30-minute lessons per week | $18.00 |
| Violin—One 40-minute lesson per week | 12.00 |

The tuition of all student assistant teachers is fifty cents per half hour.

The tuition rate for all theory courses when taken in class is $15.00 per semester. Tuition for the 3-hour course is $22.50 per semester. When there are not a sufficient number enrolled to form a class the tuition rates will be $18.00 a semester. Those desiring private lessons in any of the theory courses will pay the same rate as for practical lessons.

| | |
|---|---|
| Piano practice (1 hour daily, per term) | $ 3.00 |
| Piano Practice (2 hours daily, per term) | 5.00 |
| Organ practice (1 hour daily, per term) | 10.00 |

Students are required to register for two 30-minute lessons per week during the last two years of any course.

Students registering for less than a term will be charged ten per cent. extra in addition to the regular lesson fees.

Tuition payable strictly in advance. No deductions for lessons missed except in cases of illness. Lessons falling on holidays will not be made up.

**Diplomas and Degrees.**

| | |
|---|---|
| Bachelor of Music | $5.00 |
| Soloist's Diploma | 3.00 |
| Teacher's Certificate | 2.50 |
| Public School Methods Certificate | 2.50 |

For further information address the Director of the Conservatory.

# Honors Awarded

**1916-17.**

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THE HORACE B. SILLIMAN SCHOLARSHIP.

Earl Davison Power.

THE ELIZA MATILDA FOSTER SCHOLARSHIP.

Gertrude Doris Downs.

THE FOSTER PRIZES IN DEBATE*

First.

Second.

Third.

Fourth.

THE LOCAL CONTEST FOR THE STATE ORATORICAL ASSOCIATION.

Huyett Howard Gaines, First.

William Evans McClure, Second.

THE FRESHMAN ORATORICAL CONTEST.

Huyett Howard Gaines, First.

Ben Louis Gallaher, Second.

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*Not awarded prior to March 20, 1917.

# Degrees Conferred

1916.

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## HONORARY.

### Doctor of Laws.

Frederick Darwin Mason, A. B., '91.....Lincoln, Neb.

### Doctor of Divinity.

Rev. John Ashley Fitch, '86.....Wei Hsien, Shantung, China

## IN COURSE.

### Bachelor of Arts.

David Berryhill Cassat, History.
Lillian Marylinn Goff, German.
Fred Junkin Hinkhouse, English.
Mary Blanche Hughell, German.
Esther Lucile McAfee, History.
Agnes McEwan, Latin.
Helen Laval Parsons, History.
Glenn Laon Peebler, History.
Leila Luckenbill Sharar, English
Charlotte White, History.
Cornelia Cynthia Work, German, Magna cum laude.

### Bachelor of Science.

Mary Grace Brown, Biology.
Howard Raymond Tate, Chemistry.
Lawrence Robert Taylor, Chemistry.
Roy Leo Walgren, Chemistry.
Daniel Ludwig Winter, Biology.

### Bachelor of Philosophy.

William Matthew Campbell, Mathematics.
Wyndon Hewitt Davis, History.

Wilson Heflin, History.
Charles Wilson Ireland, History.
Ernest Lucas McClure, Mathematics.
Zelda Louise Prentice, Mathematics.
Lester Firman Ream, History.
Hazel Clinkinbeard Scovel, History.
Verl Teeter, Mathematics.

## DIPLOMAS IN MUSIC.

### Soloist's Diploma.

Ruth Margaret Collins, Piano.
Frances Vestilla Hutchison, Piano.
Sarah Eleanor Turney, Piano.
Luella Ferne Young, Voice.

### Teacher's Certificate.

Bessie Mae Kemp.

# List of Students

## GRADUATES.

| Name | Address |
|---|---|
| Jenks, Minnie Bird | Fairfield |

## SENIORS.

| Name | Major Group | Address |
|---|---|---|
| Ahlin, Esther Cornelia | German | Osage City, Kan. |
| Barnett, Sylvester William | Biology | Centerville |
| Black, Hazel Sophia | History | Fairfield |
| Black, Lillian Katherine | Mathematics | Fairfield |
| Brier, Leslie Gerald | Mathematics | Fairfield |
| Collins, Ruth Margaret | Music | Malvern |
| Crail, Helen Elizabeth | English | Fairfield |
| Dool, Frances Margaret | English | Winfield |
| Downs, Gertrude Doris | German | Ottumwa |
| Eckerman, Clarence Ray | Chemistry | Fairfield |
| Fichter, Louise Elizabeth | Mathematics | Randolph |
| Hibbett, Hazel Blanche | Biology | Winfield |
| Horne, Joy Monique | German | Garden Plain, Ill. |
| Kearville, Louise Elizabeth | German | Centerville |
| Myrick, Esther Blaine | German | Fairfield |
| Nutting, Mary Lavina | English | Milo |
| Sanger, Charles Shannon | Mathematics | Clarinda |
| Selby, Ada Ruth | Biology | Fairfield |
| Spence, Frances Augusta Thelma | Mathematics | Fairfield |
| Wirtz, Margaret Curme | German | Fairfield |
| Wise, Genevieve Mary | English | Nodaway |

## JUNIORS.

| Name | Address |
|---|---|
| Bell, Sarah Elizabeth | Fairfield |
| Blake, Dorothy Irene | Mediapolis |
| Buckles, Jean Lea | Fairfield |
| Coppock, Orion Otto | Fairfield |

| Name | Address |
|---|---|
| Ferrel, Paul Ogden | Libertyville |
| Greiner, Ada May | Hastings |
| Kemp, Grace Ethyl | Fairfield |
| Light, Laura | Fairfield |
| Lundquist, Mabel Elizabeth | Fairfield |
| McClure, William Evans | Bangkok, Siam |
| McKee, Loretta Blossom | Stockport |
| Mellis, Alexander Bruce | Ottumwa |
| Pence, Harold Raymond | Fairfield |
| Peterson, Madelon Anna | Fairfield |
| Roth, Anna Virginia | Fairfield |
| Russell, Park | Fairfield |
| Scovel, Calvin Loren | Fairfield |
| Scovel, Nellie Alta | Fairfield |
| Shelby, Katherine Mabel | Burlington |
| Taylor, Ruth Elaine | Emerson |
| Truesdale, Harrison | Fairfield |
| Workman, Gladys Rebecca | Fairfield |

## SOPHOMORES.

| Name | Address |
|---|---|
| Atwood, Evelyn | Fairfield |
| Atwood, Irwin Wyllie | Fairfield |
| Berger, Lowe Franklin | Winfield |
| Bishop, John Paul | Fairfield |
| Brown, Charles Curtis | Fairfield |
| Browne, Esther Priscilla | Fairfield |
| Cantrall, Archibald Martin | Fairfield |
| Coppock, Ollive Ozora | Fairfield |
| Covert, Brainerd Newell | Middletown |
| Davis, Ada Ruth | Fairfield |
| Eastlack, Ned Bernard | Nodaway |
| Flinspach, Wade Wesley | Fairfield |
| Gaines, Huyett Howard | Fairfield |
| Gallaher, Benjamin Louis | Mediapolis |
| Gearhart, Martha | Batavia |
| Glotfelty, Warner | Libertyville |
| Goodrich, Ruth | Richland |
| Green, Eunice Amelia | Middletown |

| Name | Address |
|---|---|
| Hensleigh, Albert Dales | Blanchard |
| Hines, Noble | Milo |
| Humphrey, Anna Cecile | Fairfield |
| Johnson, Marie Bertha | Mt. Union |
| Keesey, William Carroll | Fairfield |
| Kilfoy, Edward | Fairfield |
| Larimer, Milton Theodore | Russell |
| Larmore, John Clements | Hedrick |
| Leander, Carl | Dudley |
| McCulley, Francis Marion | Washington |
| McEwan, Mary Texa | Orange City |
| McKee, Gladys Evelyne | Creston |
| McMican, Claude Franklin | Fairfield |
| Miller, John | Winfield |
| Miller, Mary Bethel | Anderson |
| Nickelsen, Magdalena Amelia | Mediapolis |
| Parsons, Hayes Warner | Fairfield |
| Phelps, Dorothy | Fairfield |
| Pierce, Harry Roberts | Winfield |
| Stephenson, Gertrude Byrl | Fairfield |
| Stever, Helen Mildred | Fairfield |
| Taylor, Agnes Maude | Emerson |
| Vernon, Madge | Fairfield |
| Whitaker, Samuel | Hillsboro |
| White, Margaret | Fairfield |
| Wilson, Fred Thomas | Nodaway |

## FRESHMEN.

| Name | Address |
|---|---|
| Abbott, Frank Levi | Afton |
| Applegate, Grace Modelle | Washington |
| Bauman, Rachel Elizabeth | Birmingham |
| Bishop, Mildred Elizabeth | Fairfield |
| Bolick, Harriett Margret | Mediapolis |
| Bottorff, Deane | Hedrick |
| Carter, Ira Leo | Crawfordsville |
| Cooper, Glen Edwin | Brighton |
| Creighton, Florence Bernice | Oakville |
| Culbertson, Dan | Fairfield |

| Name | Address |
|---|---|
| Enke, Earl | Winfield |
| Fisher, Lena Dell | Fairfield |
| Fleming, Helen Marie | Burlington |
| Franz, Eva Mildred | Fairfield |
| Fulton, Martha Elizabeth | Libertyville |
| Gaines, Richard William | Fairfield |
| Galliher, Ivy Maude | Fairfield |
| Gantz, Glenn | Fairfield |
| Gardner, Killmar Clell | Hedrick |
| Gates, John Alexander | Leon |
| Gibbs, Nell | Allerton |
| Gibson, William Ward | Nodaway |
| Glass, Helen Mary | Winfield |
| Goff, Gladys Iola | Dexter |
| Gonterman, Rebecca Ruth | Fairfield |
| Green, Bernice Genevieve | Winfield |
| Greeson, Orion | Fairfield |
| Haight, Marjorie Miriam | Winfield |
| Harper, Lorma Louise | Mediapolis |
| Hedrick, John Chaney | Osceola |
| Huston, Rose Elizabeth | Corning |
| Jewett, Allen Watts | Fairfield |
| Jones, Agnes Marie | New London |
| Jones, Dorothy Frances | New London |
| Keesey, Vincent Parkhurst | Fairfield |
| Kerrick, Mary Louise | Fairfield |
| Kierulff, Harvey Edwards | Osceola |
| Krumboltz, Dwight John | East Pleasant Plain |
| Krumboltz, Marion | East Pleasant Plain |
| Lancaster, Harold La Verne | Le Claire |
| Larimer, Lucy Harriet | Russell |
| Light, Florence | Fairfield |
| Lyon, William Barkley | Fairfield |
| Magel, Marie Katherine | Burlington |
| Moore, Harry Eugene | Nodaway |
| Nelson, Roy Nathaniel | Fairfield |
| Nickelsen, Anna Carolina | Mediapolis |
| Oliver, Grace Estelle | Fairfield |
| Orr, Lucile Franklin | Tryon, N. C. |

| Name | Address |
|---|---|
| Pauls, Felix Emerson | Washington |
| Pierce, Delbert Lee | Winfield |
| Raney, Fred McAllister | Fairfield |
| Schillerstrom, Curtis Gust | Fairfield |
| Sellin, Anna Lorraine | Afton |
| Seyb, Sylvia Irene | Donnellson |
| Sharar, Nellie Mary | Mediapolis |
| Shrader, Mazie Abigail | Washington |
| Shular, Marjorie Clella | Leon |
| Smith, Marcia Ruth | Albia |
| Spielman, Mildred Irene | Packwood |
| Stever, Fred | Fairfield |
| Stewart, Mildred Anna | Washington |
| Stiles, Ursel | Percival |
| Stoke, Kendrick | Fairfield |
| Swain, Charles Harold | Fairfield |
| Swygard, Herman Fredrick | Mediapolis |
| Tracy, Pierre Alden | Brighton |
| Wesley, Afton James | Wapello |
| Whitmore, Roscoe | Fairfield |
| Willson, Armour McKibben | Wapello |
| Wilson, Dorothy Berniece | Fairfield |
| Woods, Irma Mary | Birmingham |
| Young, Charles Schaffer | Fairfield |
| Zeigler, Raymond | Fairfield |

## SPECIAL STUDENTS.

| Name | Address |
|---|---|
| Bonar, Flohris Carden | Pasadena, Cal. |
| Brown, Mary | Fairfield |
| Clapp, Florence | Fairfield |
| Ekstrum, Harry Gust | Wilsey, Kan. |
| Faulkner, Lloyd Elmer | Fairfield |
| Fruehling, Maud Elizabeth | Burlington |
| Hague, Nellie Bates | Fairfield |
| Hollister, Bessie Black | Fairfield |
| Rakow, Alee William | Fairfield |
| Self, Harold Cameron | Springville |
| Switzer, Norene | Fairfield |

| Name | Address |
|---|---|
| Walker, Bernice | Fairfield |
| Winter, Lema Mokma | Fairfield |
| Wisecarver, Lucile | Fairfield |

## ACADEMY*

### First Year.

| Name | Address |
|---|---|
| Braunhauser, Leo | Pleasant Plain |
| Carl, Ercel Fannie | Fairfield |
| Gardner, Hoyt Wilson | Wellman |
| Hisel, Leonard Ralph | Fairfield |
| James, Verta Marguerite | Fairfield |
| Kasowsky, Hubert | Pleasant Plain |
| Stark, Loren Felix | Fairfield |

### Second Year.

| | |
|---|---|
| Bell, William John | Fairfield |
| Frame, George Elmer | Fairfield |
| Frame, Ralph | Fairfield |
| McKenzie, Virginia Rowland | Fairfield |

### Third Year.

| | |
|---|---|
| Atwood, Harold Everett | Fairfield |
| Bell, Ruth Frances | Fairfield |
| DeKalb, Pearl Meredith | West Point |
| Jenks, Samuel Monroe | Fairfield |
| Paschal, Raymond William | West Point |
| Ramsey, Ralph Elmer | Fairfield |
| Smith, Philip Hamblin | Sharpsburg |

### Fourth Year.

| | |
|---|---|
| Bragonier, De Witt | Princeton |
| David, Pera George | Chicago, Ill. |
| Fett, Mabel Elsie | West Point.. |
| Gaines, Chester Leslie | Fairfield |
| Gilbert, Esther Gertrude | Fairfield |
| Hemminger, Creigh Chalfant | West Point |
| Hill, Earla Louise | Monmouth, Ill. |
| Montgomery, Edward Wilkerson | Fairfield |
| Pfrimmer, Samuel Mac Rae | Lucas |

*The Academy will be discontinued after June, 1917, but provision will be made for a limited amount of sub-freshman work.

## CONSERVATORY

| Name | Address |
|---|---|
| Atwood, Evelyn | Fairfield |
| Atwood, Irwin Wyllie | Fairfield |
| Baker, Everett | Fairfield |
| Ball, John | Fairfield |
| Ball, Harold | Fairfield |
| Barley, Irene Florence | Fairfield |
| Barnes, Lois | Fairfield |
| Beck, Lottie Elizabeth | Eldon |
| Beck, Phoebe | Eldon |
| Blackwood, Josephine Estelle | Fairfield |
| Bock, Elizabeth | Fairfield |
| Bradshaw, Ruth Roberta | Fairfield |
| Brady, Clarence Everett | Fairfield |
| Brady, Walter Joseph | Fairfield |
| Bridges, Katherine Louise | Fairfield |
| Bridges, Margaret Eileen | Fairfield |
| Brooks, Pauline | Eldon |
| Brown Edmund Lewis | Fairfield |
| Brown, Katherine May | Fairfield |
| Buck, Margaret Elizabeth | Fairfield |
| Buffington, Ada | Eldon |
| Calhoun, Roy | Lockridge |
| Cantrall, Archibald Martin | Fairfield |
| Carson, Bert Montana | Fairfield |
| Cassel, Katherine May | Fairfield |
| Caves, Mildred Opal | Eldon |
| Chidester, Edna | Fairfield |
| Clapp, Charlotte Adelaide | Fairfield |
| Clinkinbeard, Margaret Louise | Fairfield |
| Collins, Quinlin Kenneth | Fairfield |
| Collins, Ruth Margaret | Malvern |
| Covert, Brainerd Newell | Middletown |
| Crawford, Irma | Eldon |
| Crow, Sylvia | Eldon |
| Culbertson, Dan | Fairfield |
| Dickerson, Elizabeth | Fairfield |
| Dool, Frances Margaret | Winfield |
| Droz, Irma | Fairfield |

| Name | Address |
|---|---|
| Droz, Minnie Gladys | Fairfield |
| Du Laugey, Zella Genevieve | Eldon |
| Eckey, Otto | Fairfield |
| Edmunds, Etta | Packwood |
| Edwards, Beatrice | Fairfield |
| Fichter, Louise Elizabeth | Randolph |
| Fickel, Emery | Fairfield |
| Fischer, Lois Beatrice | Eldon |
| Franklin, Effie Elizabeth | Eldon |
| Frazey, Ella Arvine | Fairfield |
| Fulton, Katherine Eliza | Fairfield |
| Fulton, Susan Elizabeth | Fairfield |
| Gaines, Huyett Howard | Fairfield |
| Gallaher, Benjamin Louis | Mediapolis |
| Gardner, Hoyt Wilson | Wellman |
| Gardner, Mabel | Fairfield |
| Garrison, Esther | Eldon |
| Gates, John Alexander | Leon |
| Gaumer, Viloma Bales | Fairfield |
| Gavin, Florence Frances Josephine | Fairfield |
| Glotfelty, Warner | Libertyville |
| Goff, Gladys Iola | Dexter |
| Gonterman, Rebecca Ruth | Fairfield |
| Green, Bernice Genevieve | Winfield |
| Greeson, Boyd | Libertyville |
| Greiner, Ada May | Hastings |
| Grinstead, Irma Margaret | Fairfield |
| Hague, Pearl Wire | Fairfield |
| Haight, Marjorie Miriam | Winfield |
| Hannah, Edna Marie | Fairfield |
| Handcock, Wilhelmina | Eldon |
| Hansen, Elizabeth Anna | Fairfield |
| Hansen, Winnetka Gertrude | Fairfield |
| Harper, Claude | Fairfield |
| Harper, Lorma | Mediapolis |
| Harper, Portia May | Fairfield |
| Hastings, Henrietta | Eldon |
| Hedge, Frieda Blough | Fairfield |
| Hewitt, Hazel | Eldon |

| Name | Address |
|---|---|
| Hickenbottom, Ada Diana | Lockridge |
| Hinkle, Albert | Eldon |
| Hogan, Henry Joseph | Ottumwa |
| Holcomb, Claude | Fairfield |
| Hook, Lorena Margaret | Lockridge |
| Horneman, Alice Shockley | Fairfield |
| Hudgell, Faith | Fairfield |
| Humphrey, Anna Cecile | Fairfield |
| Israel, Harry Fred | Fairfield |
| Israel, Robert Henry | Fairfield |
| Israel, Ruth Virginia | Eldon |
| Jericho, Elizabeth Louise | Fairfield |
| Jewett, Ozro Paul | Fairfield |
| Johnson, Lester Claire | Fairfield |
| Keesey, Wilbur Emerson | Fairfield |
| Kerrick, Mary Louise | Fairfield |
| King, Willa Pequinot | Fairfield |
| Krumboltz, Mabel | Fairfield |
| Krumboltz, Marian | East Pleasant Plain |
| Lamson, Claire Louise | Fairfield |
| Leathers, Cecil Bernice | Fairfield |
| Lewis, Richard | Lockridge |
| Liblin, Della Marie | Fairfield |
| Long, Myrtle | Eldon |
| Maasdam, Elizabeth Louise | Fairfield |
| McClain, Gladys Leona | Fairfield |
| McClure, Eula | Eldon |
| McCormick, Clarence | Fairfield |
| McCormick, May Elizabeth | Fairfield |
| McCulley, Francis Marion | Washington |
| McEwan, Texa | Orange City |
| McKee, Elizabeth Nancy | Fairfield |
| McKee, Loretta Blossom | Stockport |
| McKenzie, Virginia Rowland | Fairfield |
| McKenzie, William Monroe | Fairfield |
| McLane, Clifford Israel | Fairfield |
| McLaughlin, Henry Patrick | Fairfield |
| Mendenhall, Alberta Elizabeth | Fairfield |
| Messer, Margaret Louise | Fairfield |

| Name | Address |
|---|---|
| Meyers, Gladys | Fairfield |
| Mikesell, Vane | Fairfield |
| Miller, John | Winfield |
| Mitchell, Eva Jewell | Fairfield |
| Mitchell, Warren Wilson | Fairfield |
| Moss, Fay | Eldon |
| Nady, Leona | Fairfield |
| Neller, Rowena Eleanore | Fairfield |
| Norgard, Florence Bernice | Eldon |
| Norris, Gladys | Fairfield |
| Nutting, Mary Lavina | Milo |
| Oliver, John Kurtz | Fairfield |
| Orr, Lucile Franklin | Tryon, N. C. |
| Parks, Ruth Elizabeth | Fairfield |
| Parks, Vera Alice | Fairfield |
| Parsons, Milford Anthony | Fairfield |
| Parsons, Wilma Blanche | Fairfield |
| Pearson, Margaret | Eldon |
| Peebler, Nellie Marie | Fairfield |
| Pierce, Delbert Lee | Winfield |
| Pollock, Josephine Hilda | Libertyville |
| Power, Ruth Alberta | Fairfield |
| Price, Margaret Beatrice | Eldon |
| Price, Margaret Elizabeth | Fairfield |
| Quigley, Madeline Theresa | Eldon |
| Raney, Elizabeth | Fairfield |
| Reynolds, Lucile Marion | Fairfield |
| Roberts, James William | Eldon |
| Roberts, Violet Beatrice | Eldon |
| Rouston, Laurine Joy | Fairfield |
| Sauer, Hazel Kathryn | Fairfield |
| Schlief, Vera Etta | Fairfield |
| Selby, Ada Ruth | Fairfield |
| Sellin, Anna Loraine | Afton |
| Sharer, Nellie Mary | Kossuth |
| Shaner, Velda Grace | Fairfield |
| Shrader, Abigail Mazie | Washington |
| Simpson, Laura Louise | Fairfield |
| Sloan, Fern | Eldon |

| Name | Address |
|---|---|
| Spillman, Leota | Eldon |
| Stallman, Grace Frances | Fairfield |
| Stallman, Lucile Louraine | Fairfield |
| Starr, Keo Fellows | Fairfield |
| Stephenson, Pauline Roberta | Fairfield |
| Stephenson, Royal | Eldon |
| Stever, Mildred Marie | Fairfield |
| Stewart, Mildred Anna | Washington |
| Stuckey, Helen Kathryn | Fairfield |
| Tallman, Leland Cameron | Fairfield |
| Teeter, Arnold | Lockridge |
| Turney, Katherine Elizabeth | Fairfield |
| Ulm, Celesta Muriel | Fairfield |
| Unkrich, George William | Fairfield |
| Walker, Alice | Eldon |
| Walker, Burke Lutz | Eldon |
| Warren, Mildred | Eldon |
| Wells, Ernest Solomon | Eldon |
| Weygandt, Alice Curtis | Eldon |
| White, Charlotte | Fairfield |
| White, Margaret | Fairfield |
| Whitham, Bessie Ellen | Fairfield |
| Wise, Edith Josephine | Eldon |
| Young, Luella Ferne | Fairfield |
| Zeigler, Ruth Erma | Fairfield |

---

## SUMMER SCHOOL.

### College Grade.

| Name | Address |
|---|---|
| Ball, Cora | Fairfield |
| Bottorff, Deane | Hedrick |
| Coppock, Ollive | Fairfield |
| Galliher, Ivy | Fairfield |
| Jenks, Minnie Bird | Fairfield |
| Kephart, Clara | Fairfield |
| Murphy, Helen | Fairfield |

| Name | Address |
|---|---|
| Paget, Florence | Oelwein |
| Rickey, Merle | Washington |
| Stephenson, Byrl | Fairfield |

**Normal Training and Academy.**

| | |
|---|---|
| Alexander, Hazel | Fairfield |
| Allender, Belle | Fairfield |
| Bailey, Gertrude | Fairfield |
| Boley, Fay | Fairfield |
| Braden, Nellie | Chariton |
| Brim, Carrie | Brighton |
| Broadfield, Ada | Fairfield |
| Brobston, Opal | Fairfield |
| Brown, Lola | Fairfield |
| Brown, Zola | Fairfield |
| Cantrall, Archie | Fairfield |
| Chacy, Hazel | Fairfield |
| Cline, Chas. | Packwood |
| Cowan, Gladys | Fairfield |
| Creighton, Florence | Oakville |
| Danielson, Bertha | Fairfield |
| Davis, Ruth | Fairfield |
| Dove, Merill | Fairfield |
| Downard, Twylah | Stockport |
| Ekstrum, Harry | Wilsey, Kan. |
| Franz, Eva | Fairfield |
| Fulton, Mina | Fairfield |
| Gaines, Huyett | Fairfield |
| Gavin, Ruth | Fairfield |
| Gire, June | Birmingham |
| Glassburner, Pearl | Fairfield |
| Graham, Leo | Birmingham |
| Gray, Rose | Chariton |
| Grove, Edith | Stockport |
| Gullett, Goldie | Fairfield |
| Guy, Verna | Brighton |
| Halferty, Helen | Birmingham |
| Harris, Kate | Brighton |
| Hill, Goldie | Fairfield |

| Name | Address |
|---|---|
| Holmes, Nettie | Birmingham |
| Hopkirk, Eldra | Fairfield |
| Horne, Reginald | Garden Plain, Ill. |
| Jackson, Isul | Fairfield |
| Jackson, Pauline | Fairfield |
| Jacobs, Joe | Fairfield |
| Jones, Dorothy | New London |
| Kerr, Gladys | Morning Sun |
| Kerr, Marvel | Morning Sun |
| King, Helen | Fairfield |
| Krumboltz, Maude | East Pleasant Plain |
| Kumm, Anna | Chariton |
| Labagh, Dorothy | Fairfield |
| Matthews, Edith | Fairfield |
| McCampbell, Esther | Fairfield |
| McCleary, Mina | Fairfield |
| McCleary, Lela | Crawfordsville |
| McCormick, Mildred | Fairfield |
| Millane, Mary | Fairfield |
| Mikesell, Vane | Fairfield |
| Miller, Beulah | Ottumwa |
| Mineart, Emma | Fairfield |
| Mohland, Leonore | Richland |
| Mortimer, Gladys | Fairfield |
| Oliver, Mabel | Selma |
| Piper, Carl | Corning |
| Roop, Edyth | Fairfield |
| Scheffel, Dora | Brighton |
| Self, Harold | Parkersburg |
| Shaffer, Mae | Fairfield |
| Shaffer, Lila | Fairfield |
| Sherman, Cophine | Birmingham |
| Sonner, Letha | Fairfield |
| Spray, Mabel | Stockport |
| Smith, Jannette | Washington |
| Stanley, Emma | Givin |
| Stever, Verna | Fairfield |
| Strain, Honor | Crawfordsville |
| Thompson, Edna | Fairfield |

| Name | Address |
|---|---|
| Topping, Clem | Libertyville |
| Topping, Pauline | Burlington |
| Treon, Hazel | Fairfield |
| Tucker, Pearl | Fairfield |
| Tucker, Hazel | Washington |
| Warren, Mary | Fairfield |
| Wiltsey, Helen | Chariton |
| Woodford, Maude | Fairfield |
| Yarnell, Beulah | Fairfield |
| Young, Harley | Fairfield |
| Yount, Florence | Fairfield |

# Summary

THE COLLEGE—

| | |
|---|---|
| Graduates | 1 |
| Seniors | 21 |
| Juniors | 22 |
| Sophomores | 44 |
| Freshmen | 74 |
| | 162 |
| Specials | 14 |
| Total College Students | 176 |
| THE ACADEMY | 27 |
| THE CONSERVATORY | 180 |
| Total | 383 |
| Names duplicated | 35 |
| Net total | 348 |
| SUMMER SCHOOL | 94 |

# An Appeal

Parsons College, now in its forty-third year, will graduate its thirty-seventh class in June. Of the four hundred and ninety-six Alumni a large proportion have gone into altruistic callings and are working for the uplift of the race. The College purposes to be an ally of the forces of righteousness, and it aims to inspire all its students to go out as helpers. Its history has been one of struggle against poverty and it has been hampered in its progress by lack of funds. It seeks to make possible a first-class education for every boy or girl that wants one. Its work must of necessity be largely for youth of small means, hence its receipts from student sources will be meager. It must, therefore, ever depend upon the good will and generosity of those to whom God has entrusted this world's goods.

The great need is for increased endowment that the purpose of the church in establishing this college may be most fully met, for the equipment of the past will not suffice for the present and future. Below are suggestions of needs which friends will appreciate.

1. Funds for the purchase of apparatus for the departments of Chemistry, Physics, Biology, Experimental Psychology, Astronomy, and for enlarging the Library and Museum are much in demand.

2. The establishment of Professorships. From thirty to thirty-five thousand dollars will do this and place on a permanent basis each department. Such a chair would bear the name of the donor of the endowment and thus become a monument for all time.

3. Contributions from the churches for the current expenses. Here is a way that will mean much, in which all can help.

## FORM OF BEQUEST.

I give and bequeath to Parsons College, situated in Fairfield, Jefferson County, Iowa, the sum of .....

Those who desire information in regard to the College will please address:

The President, Parsons College, Fairfield, Iowa.

# General Alumni Association

**YEAR 1916-17.**

---

**Executive Committee**

Sec'y-Treas., J. WILBUR DOLE, '94.
NANCY MILLIGAN BELL, '85.
HELEN ALICE BEAN, '05.
THOMAS BRUCE YOUNG, '03.
PAUL FRAZIER McLEAN, '11.

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**THE ALUMNI QUARTERLY**

**Editorial Staff**

CORA ANNA BALL, '95.
JANE M. STEELE, '85.
ERCEL FLINSPACH, '11.

**Business Manager**

DR. JAMES S. GAUMER, '97.

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**FAIRFIELD ALUMNI ASSOCIATION**

CORA ANNA BALL, '95.
MRS. J. S. GAUMER, '96.
EDGAR RUSSELL SMITH, '91.
Sec'y-Treas., J. WILBUR DOLE, '94.

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UNIVERSITY OF ILLINOIS-URBANA
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